

<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1638 of SEQ ID NO:329, b is an integer of 15 to 1652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:329, and where b is greater than or equal to a + 14.</p>	<p>W94846, N28477, AA160184, AA931691, AA809361, AI359819, AI279594, AA252345, AI061452, AI597929, AW014245, AI819250, N98731, AA954145, AI276202, AI828926, AA026286, AI167799, AW027703, AW168057, AI559587, AI521276, W57884, AI991979, W94847, AI687722, AI434201, N39148, W25095, W57885, AA447263, AI446772, AI073636, AI094763, AA280864, AW273344, AI346062, AI424178, AA625675, H99758, C75468, AI581157, N93238, AI033439, N45470, AW407812, W19310, AI683608, AA917615, AA148612, AA252324, H01172, AI814232, AI263567, W22475, AW058146, AW241157, R42644, T50250, H46994, W93787, AI358426, H01257, AA442735, AI129045, AI375564, AW150517, AA364849, H46453, AA303251, W31169, AA148611, AI814030, W93786, AA364527, N70145, H12436, AI659876, R08467, AA368445, AW366545, AA299987, AI648609, AW257791, H12435, H22406, AW382318, AA877720, AW382316, AA281164, AA805601, AI285165, AI885988, R33516, N98322, AA482622, AA447138, W26854, AA774629, H22405, AA482477, AW380284, C06036, T17082, R08461, AA026285, N55950, AI832432, AI701223, N66302, R14041, N46559, AA151931, AA059054, R17411, W63706, AW366547, AW014828, C03017, AW129264, F37323, AL079963, AI521560, AI921254, AI537261, AI624293, AI874166, Z98484, AL039086, AI089782, AI565172, AI670009, AI886181, AI161279, AI890507, AI590043, AI445992, AA279293, AI434741, AI619607, AI241923, AI114703, AI678357, AL036673, AI866770, AI309306, AA806719, AI687568, AW118518, AI500714, AI355779, AW051088, AL040586, AI620284, AI553645, AW149925, AW163823, AI863321, AI687168, AW238688, AI863191, AI421091, AW152550, AI955987, AL046595, AA502794,</p>
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AI799674, AI433157, AI801152, AI702073,
AI690748, AI921248, AI540674, AL046466,
AI281757, AW163834, N33175, AW162194, AI345688,
AL043355, R32821, AA421957, AI628337, AI621341,
AI633125, AI620089, AI678480, AI632997,
AI612750, AI698391, AL039716, AI538564,
AW262767, AI915291, AW152182, AI538850,
AI270295, AI271796, AI582932, AI872423,
AI623941, AI500061, AI572717, AI889189, W46378,
AI890907, AI609409, AI583558, AA641818,
AI361701, AI866469, AI620302, AI884318,
AI923989, AL134712, AI686817, W74529, AI225023,
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I48978, AF008439, A08913, AL050393, S36676,
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AL137530, AF061573, AF032666, AF091084,
AF113019, AL137478, AL049430, AL080159,
AL050149, AL137558, AF061981, AF185576,
AJ005690, E12747, AR020905, E03348, A65340,
E03349, A76335, AR034821, AL137480, U58996,
Z82022, AL117460, I09499, AL133619, AL137479,
X72889, AF003737, A08907, AL122106, AL023657,
AJ012755, S76508, L19437, AF097996, E05822,

			<p>Z72491, AL080126, AL117435, A03736, U75932, S75997, Z37987, A45787, AL050138, U88966, X63410, AF115392, AL110221, AF158248, AL050155, AL137641, U35846, E02221, A15345, AF118094, AR029490, AL049314, E15324, E01314, AF090900, AF090903, AF125948, AF113676, AL080140, AL122118, AL137292, AF106862, D83032, I89944, I33392, AF162270, AL137271, AL133081, AF026124, AL050108, AL133072, AF113691, AL122123, AL137537, AL137463, AL050277, AF113690, X82434, Y16645, I48979, AF067728, Y11587, AL137560, AL080154, AL137459, AL122098, M96857, AL137529, AJ003118, AF016271, AF106657, AL080148, AL137665, A58524, A58523, A86558, AL133640, AL049938, AF153205, AF111849, U86379, AJ238278, AL137574, U80742, A08911, AL133560, AL080074, AF017437, S78453, E04233, U67958, AL117457, Y07905, AF137367, AF113013, AF061943, AR011880, AF078844, Y10655, AL122110, AL133067, AF126247, Y11254, AF111851, AF210052, AL117583, L30117, AF176651, E07108, M27260, S77771, AL122093, U42766, X96540, AF028823, AF100931, X62580, AR059958, AB007812, U00763, L31396, AL133010, L31397, AL137476, AF169154, L04849, X06146, E06743, A07647, AL137256, AL117440, AL117394, AR013797, AF114170, AL137526, AF090943, AL133558, AF215669, U95114, X80340, AL110296, A90832, AL137711, AL133075, AL133016, D16301, X57961, AF177401, AL133568, I32738, AF090901, I68732, I00734, A18788, AR068751, AL049464, AF067790, Y10823, U53505, AF113694, AF207750, AL050024, Y10936, AF113699, AF069506, I03321, M86826, AL080234, A93350, N47595</p>
330	HTEAF73	840708	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>

331	HPJCI42	840847	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1902 of SEQ ID NO:330, b is an integer of 15 to 1916, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:330, and where b is greater than or equal to a + 14.</p>	<p>AI275588, AI991570, AI825352, AI431506, AI168645, AI223864, AI417141, AA426139, AI970427, AA424919, AA758905, AI680900, AA741277, AI800697, AI263798, AA411231, AI150145, AA422115, AA313750, AA453804, AA769817, AA625187, AA904708, AA152290, AI797514, AI924204, AA150232, AI127559, AA300364, AA969156, AA770192, AA905158, R21272, AA131634, N22711, AW238233, Z44053, AA811505, R45362, H13385, AA382511, Z41665, H06049, AA131718, T35196, AA836102, AI868861, Z42470, T36015, AI434398, AW050658, AA093790, AA749290, Z93930</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1644 of SEQ ID NO:331, b is an integer of 15 to 1658, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:331, and where b is greater than or equal to a + 14.</p>	<p>AI357436, AI948511, AI972408, AI826256, AI697857, AI651095, AI761400, AI831948, AI422683, AW341450, AI417903, AW165982, AI936396, AW271819, AI421517, AW300444, AI768573, AI288333, AI927043, AI523543, AI420397, AW085599, AW149563, AI283759, AI392973, AI634398, AI889625, AI817020, AI831197, R56168, AI675030, AI368689, AI190058, AA393313, AI694269, AI830691, AI830712, AW172298, AI375540, AI827278, AA988563, AI992087, AI862664, AI082343, AA594835, AI300150, AI253197, AA653712, AW237591, AI304849, AA872799, AI926819, AI452397, N29545, AA837984, AA937125, AA502373, AI831516, AI262912, AI823952, AA057861, R33735, AI630735, AW028564, AI654087, AW294325, AI619923, T04917, T35202, AA759006, AA356968, AI632766, N52709, AA043670, AI684627, AI919454, AA642808, T96330, AI300625, AW025718, AW196914, N47832, AA057051, AI806818, AA371419, AA974906, C16798, AW193208, AA423938, N32607, AI369782, AA256421, AI769153, T93496, AI991799, T27338, W15206, AW378641, AW403029, AA043828, D11567, D11569, D11572,</p>

332	HHBHM75	840848	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1088 of SEQ ID NO:332, b is an integer of 15 to 1102, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:332, and where b is greater than or equal to a + 14.</p>	D11571, D11561, D51030, AL035461, D11568 AW027446, AW001374, AI905427, AI905448, AW170482, AI888710, AW189228, AW248185, AW247154, AW269605, AI491924, AW166866, AI806696, AI913299, AI248303, AI950990, AI923354, AI985923, AA115932, AW405656, AA580449, AI683829, AA121000, AI923345, AI983165, AA311496, AW339176, AA613123, AW008308, AA311962, AA308220, AI092707, AI670040, AI446320, AA976924, AA827930, AA155688, T26531, AW081652, AA722463, T26545, AA503072, T26607, AI027785, AI673450, AI475803, AA310484, AW166337, AI469228, T26606, AI936946, AI904232, AA313581, AI350054, AA155632, AA113213, AI682048, AA057298, AI924745, AW074024, AA865529, AA219765, AW362575, AA863440, AA394308, AA146598, AI193428, AI803845, AA463503, W52876, AA722103, AA594814, AA058743, AI287875, H69098, AA398511, T17392, AA045866, AI073617, AA099234, AA160447, AA439865, N78080, M78213, W60083, AI827155, AA586410, AI690668, AW176030, AW176409, AW362998, R61067, H82364, AI458739, R58724, R10066, AA233537, AA196375, AI220757, AA143412, AA195987, H68866, AI648414, H68867, AA375183, AA377742, AA377577, AA376079, AA551794, AA370466, F08770, AI659128, AA953614, AA602742, H47859, AA099233, AW385630, AA876847, AA357152, AA376133, AA293437, AA043086, N88762, AA345571, H47858, AI438988, AI471161, AA302122, AA512948, AI342089, AA373023, R10163, AI904755, AA079888, AA669435, N84278, AA337905, AA173257, AI001859, R86048, AI335883, AA333491, AA377683, H08322, AW404843, AA345193, AA337117, H61230, AA296661, AA331127, AW175900, AA284503, AA385104, AA809714, AA287233, N48458, R72725, AI673105,
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333	HDTLJ39	840860	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4187 of SEQ ID NO:333, b is an integer of 15 to 4201, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:333, and where b is greater than or equal to a + 14.</p>	AA079887, AA372658, AA131067, T23830, T26365, N58491, AA385252, AA102153, AA731195, AA301690, AA303689, AW375743, AI270607, D12026, AA573356, F09056, C17112, AA463552, AI904284, AA293046, D56378, AA463551, AA055712, AI658862, R54183, AA173248, AW405930, R72646, AI904233, AA366862, AA742856, AA381048, H08224, R57168, AA343172, AW250825, N58717, AI350282, H61231, AA777755, AW375792, AA045865, AW375803, AA774658, AI904212, H22081, H82260, AW196192, R57822, AA287216, AW450496, N54277, AI141404, S85655, E05692, I15314, X78682, AL050401, I62356, M61219, L14273, L14272, AC007676, I62357, L14484, L14274, E05693, I15315, I62361, L14485, AR016469, AR016461, AR016462, AR016463, AR016464, AR016466 AA642209, AI862701, AI749737, AI207407, AW411488, AA910396, AI761749, AW026187, AI985751, AI972815, AA554566, AA422160, AI613444, AL120666, AW161883, AI954186, AI693320, AA463858, AI888672, AI890575, AW360824, AA613926, AW360809, AW172716, AI480116, AW328340, AA772153, AI693385, AW148801, AA504731, AW166116, AI953781, AA581366, AA772136, AW008173, AI983719, AA305042, AW169265, AA205324, AA576873, AI955286, AA873317, AA176782, AI952720, AW161462, AA974654, AA463350, AW362917, AW089874, AI992295, AI147134, AW362904, AA676616, AA456144, AA313902, AI620307, AA169276, N67918, AA071214, AI076734, AI277009, AI242706, AA836769, AI926158, AA862276, N63379, AA411497, AA837197, AW275808, AA828942, AA307920, AI079789, AI536133, AA487271, AA149575, W68381, AA632813, AI373024, AA504634, AW401448, AI872463, AI422673, N62851, D11545,
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	AA127472, AA160284, AA151791, AI591115, AA225924, AI278854, AA173360, D82110, AW022247, C06382, AA404505, AA127585, AA311655, AW270729, AA487388, AA262816, AI251934, AI283345, AI707664, AI474126, N64787, AI917908, AI811519, C05151, AI935294, AA806053, AI608766, AA243268, AA857683, AW263998, N67463, N77758, C02425, R78094, AA722996, H41078, AW274553, AA992418, AA195437, AI083733, AA496439, AI435396, AI267588, AI635182, AA947935, Z21160, AI978716, AI142767, AW136784, AA356091, AI631162, N76199, AW129671, AA421263, AI918869, AI135216, AI689671, AA581476, AA811001, AA662886, AA102524, AA223329, AA261939, AA426276, AW366458, AI017431, AA496488, AA620579, AA864246, R78515, AA082708, AW316556, AI362074, AA057684, M78876, AA504466, AW026306, AI075348, AA223248, AA643835, AA774179, AA262815, AI273316, AI270735, AA223614, AI799202, AA206268, AA083297, AI669447, N85166, AA160285, R22387, AA988824, C02916, AW079254, AA295623, AW383412, AI357670, AA329338, AA947854, AA380160, AI093880, AW367347, T16262, AW089246, R78181, AA748669, AW383415, T31816, AA101058, AA082230, AW204421, N81179, AW383429, F06042, AW411489, AA045056, AA968507, AA357441, N88683, AI817500, AW383430, AA356304, H41731, AI808848, AA441826, AA053850, AA384381, AA081937, AI803541, AA484162, W26056, R93829, AA639001, AA205970, AI916464, N85712, AI361946, Z38961, AA649340, AI127936, F00682, T50221, D31110, AI066570, AI500472, AW328341, AA345411, AI479118, AA311643, AA626103, AI061276, AI886996, AI784598, AA456414, H40124, T50269, AA226080, AI183884, AI344757, AA304567, AA303999, AI653590, R48491, AI953530, M86667,

334	HE2DT3I	841015	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1225 of SEQ ID NO:334, b is an integer of 15 to 1239, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:334, and where b is greater than or equal to a + 14.</p>	<p>D12618, X61449, AF062594, AF086080, AF114156, AC006157, AF002992, D28430, T89645, T89919, T93704, R21871, R78560, N28359, N42893, N77065, W67341, AA034244, AA044935, AA057392, AA071442, AA082360, AA082229, AA083188, AA167113, AA191227, AA522823, AA730326, AA857065, D82604, D82635, N85023, C00193, C00199, N87331, N88852, N89408, C21319, AA091285, AA091688, AA094300, AA205974, AA206598, AA247212, AA421361, AA441853, AA634627, AA663685, AA665466, T10506, Z30218, T48571, D45597</p> <p>AI357350, AA845435, AI209067, AI858019, AI884482, AW150823, AA554692, AI620110, AI963113, AL134405, AI889492, AI689168, AW276311, AA627856, AA860493, AW274639, AA633500, AI801448, AI613503, AA069773, AW338931, AW029541, AA127719, AW263706, AI687577, AW130929, AI625340, AI653596, AI200795, AW419312, AI758722, W73806, AI829356, AI701949, AI873677, AI033996, AI041421, AA069809, AI805331, AW236282, AA889251, AA628724, AI453807, AI125984, AA894635, AA633499, AA459963, AA972651, AI624681, AI537603, AI246146, AI460275, AA258207, AI250056, AI493175, AA782622, AI339580, AA838393, AI057611, AI680433, AA250884, AI334814, AI097090, AI445800, AI287795, AA258206, AI537026, AI925257, AA722227, AA215296, AA661865, AI805513, AW151003, AI926744, AA954248, AI275682, AA573552, AA693482, AI440209, AA056740, AA250827, AI273997, H85165, AA236042, AA133361, AI084300, AA447092, AA236043, N48966, D54114, AW411052, AI753697, AI128212, AA649576, AI265910, AI583228, AA022865, T28553, AI224070, T15984, AI370374, AI828756, AI811875, AI251107,</p>
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	AI887260, AA805125, AI022896, AI287368, AL036313, AW189991, AA961437, AW057820, AI358161, AI554559, AI921683, AI962926, AI870193, AI252638, AI961544, AA877770, AI190502, AA670156, AI560836, AW440962, AA779688, AA814212, AI620728, AI567087, AI183461, AA582167, AW248658, AI581066, N94359, AI081077, AI911926, AW151092, AI139073, AI023149, AI672669, AI559532, AW054954, AW167338, AA564446, AA872906, AA992431, AI002784, AW130993, AA948355, AW264551, AA633945, AW029143, AA972620, AA582118, AA970957, AA292304, AI872620, AI084043, AA679598, AI356936, AI969636, AA226958, AA630406, AI584170, AI829166, AA669946, AA563876, AA779317, AA613036, AI444935, AI371316, AW071739, AA946753, AI554539, AI564548, AI434491, AI144337, AA947643, AI479802, AI126094, AI079790, AA037671, AA877791, AI628003, AI927436, AW264791, AI802229, AA706037, AI187314, R50864, AW102949, AW131317, AI807613, AW341512, AA553824, AW070293, AA935320, AW028226, D55286, AA916638, AA428601, AA421689, AI798718, AA904350, AA480598, AA151443, AI432922, AA912466, AI680320, AA678327, AI000721, AI569746, AI220996, AA399206, AA570384, T07375, AA708921, R81287, AW264121, T40475, AA976019, AI568145, AI336086, AI359461, AI476687, R80980, AI282762, AW088889, AI365679, AA058411, AI288329, AI249898, AI419896, H05937, AA872284, AI300645, F04083, AA989255, R42835, W38863, AA450039, H85126, AA421690, H92458, H96689, AA460053, AI819842, W92987, AA381350, AA852359, AW338780, X72727, AC005611, S74678, L29769, DI7711, AJ003024, L31961, T60712, T39204, T89115,

335	HE2AY01	841017	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1235 of SEQ ID NO:335, b is an integer of 15 to 1249, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:335, and where b is greater than or equal to a + 14.</p>	<p>R23975, R80780, R80929, R81030, H45854, R85410, H86110, H92459, N45682, N64273, N67340, W60856, W79809, W79590, AA031812, AA031892, AA039603, AA127774, AA150512, AA186437, AA188784, AA484831, AA524510, AA577009, AA838126, AA888617, AA974294, AA978242, AI000986, N84928, W2888, AA093374, AA095419, AA635022, AA635099, AA283454, AA905955, AI015482, F04704</p> <p>AA902202, AI991159, N71125, AW239043, AA179538, AW084622, AI049652, W17312, AI453333, AA179507, R21815, AA907419, AA112660, AI659183, R21764, AA994481, AA913594, W01555, AF085343, U13219, Z65729, Z65728</p>
336	HWLOA34	841030	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 708 of SEQ ID NO:336, b is an integer of 15 to 722, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:336, and where b is greater than or equal to a + 14.</p>	<p>T85016</p>
337	HBXFG67	841241	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI341659, AI431773, AI161135, AW088752, AI264206, AI346653, AI307747, AI656069, AI634899, AA704137, AI636369, AI929120, AI092945, AA056359, AA633329, AA293042,</p>

<p>the general formula of a-b, where a is any integer between 1 to 2196 of SEQ ID NO:337, b is an integer of 15 to 2210, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:337, and where b is greater than or equal to a + 14.</p>	<p>AA868271, AI431794, AA582836, AI150598, AI679251, AI953495, AW117960, AA031264, AA218868, AI858867, AI697931, AI042345, AI369319, AW151607, AW130514, W84552, AW190035, AI521653, W47659, AA463596, AW083315, AI380661, AI339765, AI634188, AI091725, W84467, AI917220, AA454608, AA460966, AI334973, AA775465, AA284783, AW026215, AW058396, AI143787, AA507951, AA774425, W96343, AI356085, W70195, W52280, AW273175, AI858872, R77389, AI972238, AI198569, AA458530, AI521450, AA284712, AA708123, AI679827, AI623758, AW130702, AI761883, AI921355, AA971856, W04932, N41005, W56619, N91167, AA994099, AI161235, H41879, AI086967, AI700384, AA928492, H80551, AI066399, AI262380, AI337960, AA884190, AI754264, AA037318, AA031855, AI332848, AI287381, AA031854, AA206877, AI446456, AI870016, W72718, AI572475, AA461275, AI130700, AW273233, H19764, AA293434, AW170235, AI298881, R71854, T72569, H49101, AI092820, AA609652, W16568, H18402, AA620623, AI928876, AI289918, W23005, AW205932, AA016293, H75818, H39184, AI678119, AI362577, AI338332, AI301256, R85932, AA640114, H26985, AI016016, AA757695, AI091380, N98497, R93828, AI636966, W68375, AI950811, AI245331, AI086541, AA325188, H39183, H43811, M78190, AW148421, W76444, AA035782, T28818, AI190360, T03362, AW148308, W47607, H18293, H51175, N94350, W24020, W31043, AW340439, AI266495, AA325300, AI948535, AA025152, H43814, H28104, H40890, AA496283, H41878, T64820, AI631099, AA375412, F12341, AA220968, N45017, AI288047, AW00806, AI288037, W47660, H24560, AI042606, AI634927, AA402851, W52281, AI288045, D59229, AW129613, AI956106, F08608, R70428, H21526, R73026,</p>
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338	HWLOF51	841957	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 727 of SEQ ID NO:338, b is an integer of 15 to 741, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:338, and where b is greater than or equal to a + 14.</p>	<p>AI952459, H19765, F07127, AA350880, AW148295, AA340723, H21210, H18251, W48618, AI870946, N70611, AA324570, AA852604, H80607, R87323, W56649, AA133516, W70156, AA101608, W90400, R84543, AL119694, AI278528, AW131963, AA349925, AW070591, H43721, AI492026, AA115697, AA852436, T17308, AA852605, AA852435, H49042, AI215065, AW392427, R48571, AI057267, W48851, AI346654, H30240, AI909832, R18486, R77390, AW102876, F03416, AI869095, T23722, AI365342, W47411, N56601, W68334, F09962, F04814, AW149325, AA375923, H68511, AI127125, AW080668, AI198415, R51358, AI565830, H51188, M11749, AJ238589, U93310, S59749, R48670, R51464, H18401, H25150, H30297, H30868, H30871, N74891, N93043, N93044, W21511, W21512, W94826, W96342, AA017674, AA025151, AA027955, AA031395, AA040025, AA069269, AA069418, AA069509, AA114873, AA114837, AA419091, AA428836, AA659114, AA836669, AA903136, AA903220, AA918099, AA973427, AA069497, AA757619, AA774630</p> <p>AA300505, AI492483, AW303374, AI631790, AW206379, AW195675, AA278582, AI039812, AW338448, AW004841, AI766809, AW043846, D60088, AA902168, AA889412, AI914252, AI392952, AI671021, AI022063, N22335, AW173301, N75207, AW086444, AI735105, AA758009, AA731697, AI168274, AW271622, AI927028, AA283606, AA043425, AA043723, AI423553, AI934402, AA283607, AA844272, AI913306, AI624989, AA725454, T78177, AA535230, AA354991</p>
339	HLDOK36	846025	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AW245401, AA662107, AI523949, AW245758, AI031817, AA725300, AI359207, AW270125, AA293413, AI090434, AA568269, AW013988,</p>

	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2031 of SEQ ID NO:339, b is an integer of 15 to 2045, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:339, and where b is greater than or equal to a + 14.</p>	AA708767, AA682427, AI376689, AI033528, AW449244, C01335, AW263988, AI343327, AI360743, T50230, AI992119, AA908655, AA318766, T50243, AA635978, AW204989, AA830678, AA047668, AA748433, AA383495, AI635643, AA862542, F35595, AA218681, AI358311, AA090354, AI432940, AW050934, AW362290, AI636445, AW075351, AI800433, AL135661, AI349957, AL044207, AI800453, AI343112, AI349598, AI345735, AW080079, AW268253, AW148320, AI281837, AL036980, AW089572, AW129171, AI597750, AI290154, AW149851, AI282281, AW090013, AI869367, AI340582, AW075413, AI500077, AI567612, AI572787, AW074993, AW302992, AI538790, AI500659, AL119457, AI312152, AW080279, AI571861, AI349614, AI440426, AI925156, AI801544, AI309401, AW075084, AI784252, AI270707, AI348897, AI307708, AI349937, AI567351, AI439089, AI439717, AI862144, AI758437, AI590128, AL036403, AI950664, AI282655, AW169653, AI634224, AL040243, AI279984, AI281779, AW193635, AI475134, AI620639, AI499463, AW071349, AI684265, AI349004, AI862142, AL036146, AW268220, AI445165, AI568855, AW301300, AW075207, AI349256, AA508692, AI343037, AI520862, AI648684, AL038778, AI349645, AI334884, AI632033, AL121014, AI569583, AI497733, AW274192, AI313352, AW301409, AI560099, AI857296, AI633073, AI312428, AI580927, AI274541, AW071417, AA225339, AI627893, AI828818, AI818206, AI436456, AI273142, AI571133, AI609190, AW151485, AW008048, AI281773, AA470491, AI636183, AI636585, AI572569, AI819970, AI919058, AI274508, AI564247, AI699857, AW149287,
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	AW183621, AW068845, AI783504, AI824764, AW302965, AI436644, AW074869, AW263453, AI680388, AI564992, AI269862, AI536638, AI702068, AI349226, AI627360, AI249257, AI491852, AI952360, AI249323, AI273048, AL043326, AW118512, AW131954, AI653836, AL036396, AW196141, AI612920, AI439478, AI269205, AI678989, AW104724, AI554484, AI349933, AI682841, AI624206, AI610756, AI811344, AL036361, AW087445, AI912866, AI571551, AI690312, AI275175, AI702406, AI637584, AI340603, AI570384, AI538716, AI690490, AW002342, AI475451, AI569616, AI872074, AI872711, AI702433, AW301505, AI224992, AI799199, AI679764, AI554427, AW082040, AI815855, AW269097, AI926790, AI564719, AI653541, AI269696, AI889376, AI874109, AI499146, AI868831, AW103371, AI524671, AI521012, AI591073, AI633419, AI921248, AI307543, AI498579, AI590120, AI866002, AI619502, AI571909, AI433976, AI802542, AI866100, AI744923, AI922901, AI828731, AI917253, I48979, Y11587, I89947, I89931, AF090943, AF113699, AF113694, AF118064, AL049314, A08916, AF118070, A08913, L31396, L31397, AL049452, AF113013, AJ242859, AL10221, AL080124, U42766, AL133557, AL122093, AL050393, AF113691, AB019565, AF078844, AF113690, AF113677, AL137557, AL133093, Y11254, AL122050, AF111851, AL117460, AL050149, AL050116, AF125949, AL050146, AL133606, AF113689, AL122123, S68736, X84990, AF090900, AL133565, AL133640, AF113676, AF158248, AL050108, S78214, AF090903, AL080060, AF090896, AF091084, AF113019, E03348, AF090934, AL110196, AL049466, AR059958, I48978, AL133075, AL117457, AL133016,

	AF125948, AL080137, AF090901, AL137527, X63574, AL122121, AF106862, E07361, A93016, AF017152, AL133080, AF146568, AL049938, AL050277, AL137459, AL117394, X82434, AL110225, AF104032, AJ000937, AL096744, U91329, AL050138, AF079765, I49625, AF017437, AL137283, Y16645, AL049464, AL133560, AL117585, E02349, AR011880, AL137550, AJ238278, A65341, U00763, A08910, AL049300, AF177401, AF067728, A08912, AF097996, AL049430, E07108, AL117583, AL117435, AL049382, A58524, A58523, A08909, AL137521, AF118094, Z82022, AF183393, I03321, AL122098, AL137648, X96540, U72620, AL050024, X70685, A77033, A77035, AL137463, X72889, AL137271, AL137538, AL080127, U80742, AL133113, A12297, U35846, I33392, A03736, AL122110, AL049283, AF087943, X93495, I09360, X65873, X98834, S61953, AL110197, I17767, AF061943, AL080159, E08263, E08264, AF026124, U67958, AC006336, I42402, Y09972, AL137560, AL133568, AL122049, AL133072, AR038969, E15569, AL133014, Y07905, AF095901, AL133098, AJ012755, AL137523, I66342, AR054984, AF111112, I26207, AL133077, M30514, I00734, AF026816, AF119337, AL110280, A93350, E00617, E00717, E00778, A08911, AR000496, U39656, Z37987, AL137556, AL137526, AL137429, AC004093, AF061573, U68387, AL133104, AF003737, A45787, AF000145, AL050172, Y14314, AF106827, AF057300, AF057299, AR013797, A90832, AL122111, U58996, A07647, AF079763, X83508, AF100931, Z72491, AF153205, AF185576, E08631, U78525, AR038854, AL137292, AF162270, AL133067, E04233, AL080074, AL117649, U96683, AL117440, AL137476, X87582, AF210052, L13297, AC006371, E05822, AF051325, L30117, AL137656, AL050092, AC002467, AL133081, AL137533, AJ006417, X92070, AF091512

340	HSDJF12	846362	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2060 of SEQ ID NO:340, b is an integer of 15 to 2074, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:340, and where b is greater than or equal to a + 14.</p>	AW084558, AW409927, AW304724, AW136749, AI745388, AI979175, AW134503, AI817727, AA593923, AI675562, AA573915, AI652793, AI683795, AI922809, AI983612, AI984843, AA573905, AI656045, AI983786, AI984139, AI380162, AI361395, AI936791, AI479830, AL039924, AA588051, AW206967, AI590585, AI673630, AL045794, AW137010, AI347176, AI288836, AW170399, AI287323, AW271527, AI380626, AW197398, AW193824, AI869939, AI371858, AW013814, AI650707, AI861931, AI201641, AW050592, R00081, T02921, T53389, AA937517, AA552662, AW304869, AI015077, AI262657, AI309572, T24119, AI460271, T24112, AI932957, AI950720, AI652807, AL036630, AA327548, R72802, R50426, AI634175, AI986002, AI089131, R47791, AI659375, D51250, AL044412, AL044364, AL040992, AL039109, AL038531, AL037726, AI986009, AL039629, AL039625, AL039648, AL038837, AL039074, AL039678, AL039108, AL039538, AL039564, AL039156, AI880486, AL039659, AL039566, AL039509, AL039476, D80253, AL039128, AL044407, H00069, D80043, AI418738, AL036973, AL045337, AL037051, AI973094, AL045353, AL039386, AL039423, AL045341, AL042909, AL039410, AL039150, D59787, AL038821, AL038025, AL044530, AL036725, D80219, D59275, AL043445, AL043422, D80227, AI535983, H26655, AL043586, AL043423, AL039521, D80240, AI719489, AL043441, D80210, R52030, D51423, AA327517, T23947, AW272341, D80134, AL036196, AA523545, D59619, D80193, AL037639, D80391, AW450335, AL037615, AW451070, AW241543, D80196, AL036767, AL039085, C14227, D59927, AI535783, AL036117, D80949, AA936966, AL037526, D80366, AI918271, D80168, AL036238, R47228, AW452756,
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AL036679, AI652616, AL037601, AL039459, AW197366, D50995, T11051, D81026, AL039504, D25775, AL039842, D80045, H26610, C14014, C75259, AI968929, AW087283, AL036964, AL036733, AL036158, AL037027, AL036924, AL037054, AL036765, D59889, AA100205, C15076, AL038851, AL037177, D80022, AL036998, AI557751, AL037047, AL036227, D80038, AL037643, T23659, AL036133, AL036418, AL036650, AL037082, D80195, AL036163, AW293068, D58283, AL036207, AL037124, D81030, T11417, AL036191, AL036167, AL036132, AL037021, D80188, AL037049, AL036190, F13647, AL037600, AL037679, D51799, D80378, D59467, AL036139, T03269, AL036152, D50979, T48598, D80522, D80212, AL036900, C14429, C14298, D59502, AL037178, AL042334, AA514190, AL048425, AA285331, Z21582, AW451416, D80164, AL039555, D80166, D59859, D80269, D59695, D84239, AC006950, A25909, A85396, A86792, I95742, X68127, A44171, A85477, AR037157, AR062871, AR017907, AR062872, AR062873, AR067731, AR067732, A58522, A91750, A20702, A43189, A43188, A20700, A84772, A84776, A84773, A84775, A84774, AJ244003, AR036905, A95051, A95117, AR031374, A49700, AR031375, A58521, A38214, AR020969, I56772, I95540, AR018924, A63067, A51047, A63064, AR018923, A48774, A63072, A48775, AR068507, AR068506, AR015960, AR000007, AR015961, A18053, A23334, A75888, I70384, A60111, A23633, A23998, A95052, A98767, A18050, AR007512, A93963, A93964, I60241, I60242, AR043602, I63120, AR043603, AR043601, AR054109, A58524, A58523, AR025207, I03343, A24783, A24782, A81878, AR022240, E12615, AR035193, A92133, E14304, A27396, AR027100, I28266, A49045, E16678, A82653, E16636, A93016, I06859,				
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				I18371, I25027, I26929, I44515, I26928, I26930, I26927, A58525, I49890, I44516, AR000006, AR038762, E13740, A58526, A91753, A10361, AF156296, E06034, AF156294, A64081, A13038, A29289, A67220, AJ244004, U87250, AR029417, AR067733, AR029418, AR067734, AR017908, A98467, A84746, AR028672, AR038066, I50882, A68112, A68104, I62368, AR031488, I13521, I52048, I44531, A17115, A18079, D34614, I15353, AR028669, AR028668, AR028667, AR028670, I66495, I66494, I66498, I66497, I66496, I66486, I66487, A02712, X73004, A71440, I19516, Z96142, I13349, A71435, A60109, V00745, AF118808, AR036903, A07699, A97211, E08322, I74623, A11245, A02710, A07700, A13392, A13393, I19517, A76773, I21869, AF156303, AR008430, A22413, A35536, A35537, A02135, A04663, A02136, A04664, I01992, D28584, I08051, AB012117, A70040, A92636, E03165, E16590, A97155, E02221, E13364, E01614, I00079, Y11923, AR028564, AJ244005, AR035975, AR035974, AR035977, AR035976, AR035978, I00081, A98420, A98423, A98432, A98436, A98417, A98427, A83643, I01968, Y17188, AR066482, A13388, E00974, A02228, E00954, E00952, E00953, E00955, I08049, I43960, AR021440, I08776, A10360, E02679, E02104, E02098, A92666, E02001, E01718, E02003, E02102, E03550, E02096, A28163, E02100, E01997, A58998, E02291, E02292, E02293, E01999, E02396, E02327, E01563, E02431, E01693, E01696 AI660957, AW361534, AW361532, AI802756, AW361521, AW361520, AW009763, AI660234, AI802693, AW361523, AI721275, AA581198, AW361522, AW361528, AA296955, AI721121, AA508854, AA297150, AW009764, D25727, AI687981, AI582072, AF127036, AF039400, AF095584, AB017156, AF039401, I95746
341	HWLFF02	846384	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2853 of SEQ ID NO:341, b is an integer of	

342	HEMFI21	846750	15 to 2867, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:341, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2117 of SEQ ID NO:342, b is an integer of 15 to 2131, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:342, and where b is greater than or equal to a + 14.	AI670810, AW195755, AI720056, AW268679, AI400941, AI867849, AA053882, AI672024, AI880208, AI682042, AW196438, AA034417, W27229, AW376127, AA425562, AA883340, AA132258, AI584045, AA770253, AW137059, AA132362, AA132257, AI655564, AA425357, T62545, AW243732, AI972198, AA491390, AI915665, AA721474, AA483037, AI269187, AA724043, AA346646, AW390324, N22655, AW377734, AC006042, AL078581
343	HWLUW6 6	847289	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 545 of SEQ ID NO:343, b is an integer of 15 to 559, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:343, and where b is greater than or equal to a + 14.	AI092556, AW021242, AW020565, AW021073, AL023733
344	HNTEG90	847598	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2609 of SEQ ID NO:344, b is an integer of	AI917905, AI936862, AI341481, AA148185, N63405, AI401201, AA053816, AI161242, AA648713, AI521663, AA451640, AI373082, AI934837, AI955673, AI420746, AA702928, AW070614, AW340072, AA613935, AI335655, AI521891, AA131526, W67613, W47344, AI690236, AA862821, AI800490, AA773815, AA973560, AI351678,

		15 to 2623, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:344, and where b is greater than or equal to a + 14.	AI432990, AI304402, AW169727, AW169352, AI281292, AI571869, AA903920, AI870764, W47446, AA723363, N42756, N95595, W19932, AI280866, R69043, AA716384, AI418610, AA450233, AI088649, AW151043, AA659568, AA856650, AA354839, AA838632, R98511, AA564435, AA883437, R62372, AA679587, W67566, Z39058, AA782520, T97702, N58339, R79680, AI915144, AA613781, AA523988, AW137697, AA921709, R77082, H20304, R98467, AA885375, N77708, AW390950, F02414, AA709073, R79868, AW271580, AA035802, N32539, AA662580, AI954846, AW375866, N69750, H68853, AI283622, AA377701, AI159746, F06141, Z42939, AA131600, T97803, AA831300, AI393223, AA569597, T55707, AA883625, H43183, AI583936, AA083681, AL042667, AL042670, AL031597, Z84477, AF090094, AC002316, AF141325, AL079342, AC004686, AP000152, AC002477, AP000355, AC007384, AC009247, Z84487, AL031667, AC006211, Z68884, Z83840, AL121825, AL008710, AL050307, AF001552, AC005859, AC005529, AP000211, AC008101, AC005899, AC004408, AL031659, AP000563, AC005527, Z93023, AC005225, AL021394, AC007676, AC005602, AB022785, AP000133, AP000694, AF196779, AC005488, AL121655, AC007225, AC007172, AC005368, AC003668, AC007671, AF111168, AC006023, AC005088, AL133243, AC005280, AC004003, L78810, AP000032, Z82208, AC016027, AL031283, AP000113, AP000045, AC007227, AC007021, AL031774, Z93241, AC005829, AL031587, AL049874, AJ246003, AC006241, AC011311, AL117694, AL031433, AP001052
345	HELGG49	848119	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by

<p>the general formula of a-b, where a is any integer between 1 to 1829 of SEQ ID NO:345, b is an integer of 15 to 1843, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:345, and where b is greater than or equal to a + 14.</p>	<p>AW062704, W95179, AW387272, T96836, AW387269, T96835, AA135097, AW449740, AW178242, R51957, R78424, AI077762, R79882, AW176792, AI867344, R79787, R53624, N44777, AA983349, AA378399, AI274635, AA368087, N91033, AI866362, AW178250, AI590230, AW177211, AA385400, W32787, W60900, AA113408, AW387291, AI349482, AI687944, AI635016, AA804541, AW080157, AI673140, AI241923, AW083374, AI560569, AI866469, AI281825, AI473536, AI364167, AI499570, AI934011, R40363, AI638644, AI828239, AI290677, AI695726, AA641818, AW118311, AI828676, AI687127, AI915291, AW129264, AI813321, AI635851, AI274438, AI470717, AI590043, AI686601, AW089844, AI612750, AI479292, AW105296, AI613038, AI250282, AI524179, AW083572, AI679771, AI538564, H95782, AI580027, AI884318, AW103079, AI633125, AI744268, AI824688, AI419826, AI524626, AW152182, AI571439, AW238688, AW075382, AI678623, AI862024, AI636507, AI049733, AI863002, AI824458, AI701097, AW073677, AI636588, AI540354, AI568293, AI539690, AI670002, AI254731, AI282865, AI538566, AI536836, AI909697, W45039, AI670009, AI627893, AI521560, AI521005, AW105459, AW104141, AA811202, AA969375, AI866691, F37323, AW058304, AI887645, AA057833, AI138221, AI540831, AA765198, AI800648, AI698391, AW004606, AI370623, AI954475, AA743941, AI401697, AI768496, AW088691, AI582932, AI859932, AI619820, AI628325, AI434731, AI889189, AW079075, AI784214, AI632341, AI687809, AI582910, AW008226, AI872423, AI299035, AI683606, AI678446, AW151786, AW168452, AI584130, AW131294, AW198090, AI284484, AW078606,</p>
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346	HWLQO44	848746			<p>AI491775, AL043355, AL117587, AL137533, L10730, AF118558, AF080068, X59812, A77033, A77035, AF183393, X78627, AR020905, AR038854, U66075, AF100752, I89947, I48978, I32738, U35846, A17115, A18079, L10724, X99971, AR034821, AL137550, D44497, AL137271, AF115410, E01314, AL080163, A52184, Z13966, AR060156, S82852, I48979, AL023657, A15345, X97332, A23327, AL137530, AL050138, X68560, Z97214, AL137463, AL137480, AF061981, AL110280, X52220, S75997, X69026, AL080159, A07588, AL117416, AL137716, AL050092, AL137641, AC007559, U52688, A58545, L25851, I33984</p>
346	HWLQO44	848746		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 870 of SEQ ID NO:346, b is an integer of 15 to 884, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:346, and where b is greater than or equal to a + 14.</p>	<p>AW299468, AI432448, AI039818, AA237091, AI571337, AI963695, AI635374, AA932292, AW043706, AI302679, AA236679, AA767544, AI735388, AI590210, AI224546, AA234900, AI085872, AI632813, AI142800, AW002721, AI049665, AI269171, AW242940, AI741857, N68116, H05324, AA513076, R43971, R94225, AI653576, H24266, R97540, Z41226, N67392, AA991730, AA235171, N42646, AA303429, R94321, AP000010, AP000151, D87343</p>
347	HFEBT64	849084		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 377 of SEQ ID NO:347, b is an integer of 15 to 391, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:347, and where b is greater than</p>	<p>AA229611, AL037646, H92426, F24939, AA913850, AA301789, F24173, AA863362, AA484317, F17383, AA552077, AA431836, AA187337, AA364844, F20283, AA935826, AI140872, AA505475, AL037267, AI720966, AA308185, F24109, AA729615, AA654953, AW183987, AI310754, AA746763, AW024998, AA514223, AA385387, F19519, AA505536, AA352591, AI081659, AA426364, AI749192, AW025393, AI206102, AI620973, W31741, AA431433, AA406595, AI357163, F24201, AA353193, AW009735, AA534308, AW089790, AA746620, AA936908, AA973773,</p>

348	HUVFL24	849114	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2526 of SEQ ID NO:348, b is an integer of 15 to 2540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:348, and where b is greater than or equal to $a + 14$.</p>	<p>AW276943, AI379642, AA737877, AA419110, AA568159, AA419068, AI040090, AA320647, AI143261, AA913396, AI224989, AF052490, N89555, AW001413, AA303971, AA923726, AA359518, F27960, AI312304, W04646, AI284631, AW182543, AI313081, R74226, N85911, AA659531, AA583874, AA188463, AI613388, AI583257, AI312446, AI613369, AA013065, AI525653, AI541056, AI541046, AB028624, D50371, M64751, AA933669</p> <p>AL048344, AI950115, AW172477, AW181913, AI983863, AA483410, AI680951, AI373684, AI679737, AI982807, AI702704, AI376630, AW364829, AW301257, AA577154, AI276100, AI392682, AI346228, AI755017, AI129655, AA483421, AI355958, AI377466, AI346226, AW243112, AA599194, AA291354, AI867449, AW192169, AI039401, AA993187, AI039363, AI347332, AW028446, AA195096, AW170760, AA088602, W94110, AI952683, AA903895, AI318372, N43002, AI281045, AI751662, AW029488, AI824484, AA483504, AI969610, N33340, AI751802, AW190927, AW195790, AW377484, W78793, AI219284, D79873, AI272316, H70517, R51140, T90487, H94989, R58836, T48112, AA131709, T27668, R51032, AI271684, AI954409, AA195292, H13623, AA317601, AA374263, T90583, H13622, AA151617, AA319878, N84168, AA374874, D58222, D58305, AW029016, R39161, D62479, T11374, AA375326, AL048345, T60972, AW364822, UI2535, I57339</p> <p>AI057104, AI924343, AW027047, AI346524, AW173054, AA262787, AA758013, AI224984, AI216119, AI037964, AA775452, AI243424, AA127640, AA917659, AA252367, AA554190, AA702120, AI075969, AA521393, AI912771, AI457766, AW003032, AI206978, AI498603, AI125226, AI351069, AA758629, AI333085,</p>
349	HAMGR89	849143	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1912 of SEQ ID NO:349, b is an integer of</p>	

			15 to 1926, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:349, and where b is greater than or equal to a + 14.	AI274357, AA769280, AI971427, AA127754, AI208861, AW263206, AA975805, AA879117, AA641956, AI332498, AA907144, AI914212, AA252744, AA863367, AA988829, AI798139, AA421392, AI129237, AA418903, AI831664, N33561, AI762673, AA252422, AI439043, AI972006, AI682191, AA778723, AA236305, AI684356, H30712, AA913482, AA421289, AA426549, AW135660, N67782, AI281008, AA758704, AA470805, AW058119, AA806087, AI521486, AI268155, AA826129, AI243015, AA069144, H25266, AI076789, AA730016, W03584, H4413, H21786, N33856, AA256211, R88667, AA262880, H14303, AA036951, AI572244, H41955, H21785, AA775368, AA872501, AA069232, AI492089, AW351843, AI344111, AI015706, AW138103, AW003047, AA524866, AA036992, AI949929, AI380912, H26793, AA845748, H41912, AA877131, AI910782, R88668, AA770241, AI265766, AA884896, AA627474, AI110676, AA757230, AA758959, U05343, U05342, AC006011, AF003187, AF090892
350	HKLSA58	849155	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1219 of SEQ ID NO:350, b is an integer of 15 to 1233, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:350, and where b is greater than or equal to a + 14.	AI791848, AI733006, AI821607, AI749022, AI791402, AI688364, AI802646, AW339702, AI332718, AA911903, AI264549, AW135107, AA554298, T28152, AI630471, R93269, AI630620, R21092, AI630547, AI630304, AW376630, R93176, R46266, AW083254, AW376846, AI630112, AI630078, AI630378, M33987, X05014, L25082, L11621, L11622, I95751, S81738
351	HWLCG11	849159	Preferably excluded from the present invention are one or more polynucleotides comprising a	AA527591, C05803, AI304573, AI695136, C06042, C06062, AI833234, AA577615, AI281195, AI707997, AW360772, AA058357, AA058456, AI625936,

<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2496 of SEQ ID NO:351, b is an integer of 15 to 2510, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:351, and where b is greater than or equal to a + 14.</p>	<p>AA327251, AW361899, T11144, AW388291, T27413, T29474, AW362727, AW376234, AI720037, AW360762, AW376475, AW376508, AA152037, C17238, AA316326, C17271, AW383505, AW383659, AA132781, AW377083, AW377034, AW383654, R80286, H71086, AW376560, R32538, AW383479, N48836, R32065, C17144, C18584, AA369133, AW375748, AW383465, AI475371, AL047042, AW375755, AW375758, AL040243, AL121365, R20927, R73953, AL121270, AL047763, AI521012, AI064830, R82602, AL045500, AW162071, AI349772, AW071417, AL119791, AI436456, AW301409, AI349645, AI275175, AI433976, AI433157, AI697137, AI687728, R25474, AI636456, AI868831, AW071349, AW103371, AI866780, AW274192, AW117882, AI635461, AI440239, AI285735, AI620284, AL135661, AI702406, AI564719, H02270, AI538716, AW074993, AI445432, AL036146, AI349004, AI250293, AI625079, AW268253, AI815383, AL119748, AI340582, AI349933, AL036396, AI349256, AI568870, AI863014, AI612913, X98311, L31792, AF006622, M18728, E01972, M18216, I08158, AC004558, AC005797, AC005392, D90064, M29541, M29540, X52378, M17303, M20881, M94891, M21822, AR044683, X17097, E03349, I08160, M25385, U18469, AC004654, D12502, I08169, AC004610, A43167, AC005238, I08161, J03858, I08156, I08157, M33664, AC005260, U18468, E01630, M15042, X16354, U18467, M17908, AF006623, E03351, I08159, A43165, M69176, M72238, D90312, D90313, E03352, E03350, AR052808, AR052807, AC004785, AC005791, D90311, A43169, X16455, AC004603, A39900, E01971, E03348, M22434, M34420, M37399, A23031, M23575, M37397, M34715, M20879, J04539, M33663, M93061, X16356, M22312, M33665, M30629, M33666, M31125, M76742, S59494,</p>
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352	HMSJT69	849244	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2751 of SEQ ID NO:352, b is an integer of 15 to 2765, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:352, and where b is greater than or equal to a + 14.</p>	<p>M30628, M17082, M16234, U04349, M16337, AC002467, AC004559, M59256, M93705, AL096776, AF110325, I08155, I08165, M32624, M93701, L14724, M22311, I48979, AL110221, AF113690, AFO90903</p> <p>AL138385, AW069288, AI628359, AI052134, AA432267, AI458075, AI476266, AA431256, AI360949, AI768605, AA890563, AA838729, AI262833, AI567507, AA890333, AI089644, AA194632, AI373864, AI745574, AI056436, AI095714, AI280712, AI290941, AA810651, AA418342, AW024465, AA410342, W20080, AI435811, AA397706, AA838326, AA860500, AI472025, AI275854, AA156454, AW243125, W76607, AI139528, AI985532, AA626087, AA209472, AA279471, AI858171, AI920804, AI197937, AA676504, AI632833, AW130827, W31803, AA993680, AA007279, AA564981, N32441, W72009, AI274286, N35912, AI439836, AI653447, AI554346, AA418300, AA435925, AI038657, AA969728, AW193440, AA651840, AI694970, AA165622, AI368697, AA810662, AA630452, AA476639, AA193407, AI587402, N48087, AI199987, AA649126, AA854457, AI492972, W15321, H65871, N53285, AA780577, AI805624, AW194835, AI333349, AA194688, W04701, N25790, AW374110, AI539628, R83595, AA147583, AA757161, W16998, N23736, Z24876, AA115096, AA406255, AA630461, AA165658, F01168, AW338576, R70844, AA649290, AA093709, R70817, AA302403, W19813, AA639258, N58849, Z24907, AA342107, F01095, AA300170, AA913741, F00181, AA193643, AA731459, H65872, AA312979, T35617, N75263, R70790, AA115095, AI245223, AA372937, AI520754, AI887615, R39487, AA375943, AA887983, AA629147, AA363098, AA709267, N91475, AA424959, AA480455, F00193, N84408, R29459, AI273015, AI928137,</p>
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<p>C00067, AA836506, N90014, AI556986, AA342108, R39488, AI590943, AI469280, AL138386, AI354609, AA211870, AA078889, AW087901, AW302965, AL048656, AI801152, N42321, AL036631, AI469532, AI933589, AL041150, AI932638, AW022636, AI537244, AI567582, AL120853, AI918449, AI872804, AI797908, AW162118, AL120254, AW050522, AI288050, AW161156, AI866465, AI973152, AA580663, AI274745, AW008353, AI254727, AW023338, AA613907, AA641818, AW059828, AI340603, AI345745, AW151136, AW022699, AI783504, AL040241, AL119836, AI340519, AI345608, AI859991, AI473451, AI610667, AI335426, AL041772, AI348777, AI345347, AI587121, AL036673, AI345471, AW161579, AL119863, AI623941, AI440239, AL036274, AI538342, AI580198, AI473536, AW129271, AI267502, AI312428, H89138, AA974049, AL045774, AL037454, AL038605, AW162189, AW020095, AI500061, AL119791, AI433157, AI702073, AI343091, AI801325, AI620284, AL047344, AL045349, AI537677, AW131139, AI697137, AI866770, AI343059, AI288285, AI699865, AI633125, AW023590, AR027227, AC006039, AC006254, M25757, AB021870, AB020203, D13062, D10373, I48978, Y11587, A08916, A08910, I89947, A08909, AF087943, AL110196, AL133568, AL137488, AF113694, AF183393, A08913, AL137529, AL133016, I48979, AL050393, X65873, AF097996, AF031147, AJ003118, S78214, AL117457, AF104032, A58524, A58523, E06743, AF069506, AR038854, I89931, Y11254, AL049382, AF146568, U91329, I49625, AL133010, AF079763, I30339, I30334, A08912, AL050172, AL133104, AL049283, AL110221, AL096744, AF177401, A03736, A08908, AF176651, E15569, AF113013, AF078844, AF119337, E02349,</p>	
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AL137521, A65341, Z82022, AJ242859, AF026124,
U96683, I66342, X72889, AR011880, AF026816,
AF065135, AL137550, AF158248, U35846, AB019565,
AL117648, AR000496, AF113699, U39656, AL049314,
AF113691, E01614, E13364, AL080060, AF091084,
AF113019, A18777, AR038969, AF067728, AL080159,
AF132676, AF061836, E07108, AF090903, AL137705,
AL050092, AJ006417, AF111112, S61953, AF113690,
AJ000937, AL133080, AL049452, AF118090,
AL137271, AL050108, AL080137, AF090901,
AL050138, AF090934, E12747, X53587, AF162270,
AL137429, AF100931, Y16645, AF118094, AL122050,
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AL133565, L31397, AF207750, X82434, AL133558,
AL049466, A77033, A77035, X62580, I46765,
AL117649, AL050149, AF125948, AL110225,
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AL133640, X84990, AL133075, A07647, AF067790,
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AL122118, AF079765, X63574, I00734, U88966,
I89934, X81464, E03348, AF113689, AL133093,
AL137478, I42402, L30117, AL110197, AR059958,
AL117460, AF125949, E00617, E00717, E00778,
AL050146, AL117440, AL137656, S68736, AF185576,
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AL133560, E07361, AC002467, AL137556, AF017437,
AF090943, U67958, AL049430, I03321, AL133081,
AL122111, AL137459, AL133067, AL137538,
AF111849, A93350, AF017152, AL133665, AL050116,
S77771, AF090896, U80742, Y07905, AL137292,
AF106862, AF032666, AF081197, X98834, AF081195,
AL110218, A21103, AR013797, AB016226, AL049300,
S36676, AF057300, AL133557, AF057299, AL122100,
S79832, AF106657, X93495, L04504, AF022363,
X83508, AL137300, AL137480, AL050024, A08911,

353	HRABQ68	849254	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1741 of SEQ ID NO:353, b is an integer of 15 to 1755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:353, and where b is greater than or equal to a + 14.</p>	AL122110, AF113677 AI658942, AI073501, AA115117, H98127, AI806706, AW168242, AI655609, AI655984, AW274902, AW006899, AI885616, AI384005, AI862770, AI263856, AI805199, AI860971, W56482, AI927659, AI700992, AI478328, AA446933, AW005666, AI401220, AI002968, AI239846, AI991692, AW243427, AI431875, AI803408, AI934553, AW001841, AI888998, AW236761, AI095646, AI933307, AA515023, AI767611, AW052057, AA732809, AI767365, AA483834, W19503, AI335894, AI769598, AI469185, AI373940, W77850, N24889, W76349, AA830445, AA910254, AI566141, AA393040, AA479892, AA446405, AA494336, AA705715, AA446102, AI915890, W72066, AI350242, AA968989, AA114984, AA694343, AI253128, AI924901, AI459276, AA777527, AA677612, AI347431, AA705410, W23147, AI380860, AI200130, AI376116, AI768679, N89909, AI985312, AI525783, AI275869, AI351640, AA831584, AI267998, Z44422, AA428481, R81016, AA037021, H05027, AI474669, T65440, N30410, AI805668, AI016763, AI474756, F19207, H09217, AA026056, AI867151, H26914, AI247857, AW004768, H05026, F11974, AW299503, H09160, H89142, H51707, AA321265, AI194080, R22503, T65523, H84691, D57031, AA904940, F03518, R20788, AA412151, AI886333, AI470794, R22504, AI267943, N90505, N36309, AI191205, R20897, N69242, AI201656, N42442, R80813, W72126, AI370527, AI864366, AI565381, AI075116, AI474804, AI363797, D11903, AI362662, H28521, AA322013, AA319092, AI872426, D20588, AA683513 AI870516, AI800720, AI609383, AW081618, AI559974, AI884700, AI924507, AI554441, AL041032, AI860536, AW411215, AI354984, AI200963, AW090831, AW173652, AI355847,
354	H2CBM53	849301	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

		<p>the general formula of a-b, where a is any integer between 1 to 1945 of SEQ ID NO:354, b is an integer of 15 to 1959, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:354, and where b is greater than or equal to a + 14.</p>	<p>AW193963, AI690567, AI671643, AW080817, AW439627, AW411216, AI523666, AW190138, AA460115, AI815168, AA628750, AW303677, AW273126, AA307760, AA588505, AW081271, AA461467, AI476314, AI590145, AI367650, W38689, AI186122, AW194684, N93223, AW337835, AW009877, AW328092, AA729034, AA758334, AI762486, AA973275, AA629564, AI128342, AA393056, AA768796, AW409782, AI160818, AI201801, AA630695, AI147630, AI364925, AW410398, AA594880, AI273645, AW304994, AA069681, AI150181, AW089774, AI168015, AA583096, AW402669, AI217443, AA516446, AW008046, AA418741, AA418796, AL079630, AA235099, AA234818, AI582401, AA190876, AI214413, AI275005, AA947504, AI049585, AW006655, AA665857, AI061312, AI341729, AA086389, AA182616, AI277727, AI084902, AA055467, AA632690, AA099209, AI368922, AI457245, W40557, AI276424, AI224401, W42773, AA808372, AW439176, AA112869, AI492863, AA134430, AA666010, AW088139, AA134431, AW173464, AA099223, W96211, AA079789, AI866892, AA226901, AW263957, AW328091, D53195, AA100024, AA533486, W42771, N78824, AW193163, AA306634, AA612645, AI630109, AA503354, AA306812, AI183509, AI940112, AA190845, AA384761, T78592, AA329920, AA182548, AA085082, W07253, AA887837, AA329653, N99955, D53990, AI940109, AI097159, AI866784, D56186, AW088872, AA263176, AI591373, AA056273, AA761535, T79067, AA227011, AW089525, T90687, AW374308, AW410397, AI871389, AI718948, AA860113, AW405415, AA112665, AA361589, AA338825, N52617, T90242, AA315239, AA199595, T28236, AA079676, AA412729, AA055555, AA112666, AI678334, AA670138, AA299212, AA088904,</p>
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355	HPRTG34	849317	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1053 of SEQ ID NO:355, b is an integer of 15 to 1067, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:355, and where b is greater than or equal to a + 14.</p>	AA308250, AW078992, AA136478, AA352473, AI885977, AA622899, AI557920, AI472504, AA263021, AI926362, D19880, T16465, AA378252, AA748823, D56311, N85193, AW361343, AA626604, AW410391, AA055687, AA054667, AA083863, AA344435, W40555, AA358220, AW004936, W96304, AL045598, AA740422, AW368315, AI204321, AA083969, AI685692, AI273278, AI354992, X55362, E05957, M20372, M92441, M87223, J04791, M16982, S64539, M20617, M10624, AR042893, X64710, M12330, M33764, X16277, M34158, M81740, J02813, M31061, X16910, U36394, X07392, J03733, X07944, J04792, M12331, D16972, X53271, D28365 AL037564, AA453720, AA210900, H98015, AA843650, AI040004, AI220995, AI016091, AI435584, AI334212, W32177, AI192446, AI082214, AI399914, N44254, N35637, AI284980, W47143, AA134775, W93029, N36380, AA134774, W92984, AA700090, AA806713, H82499, AI800392, AA832323, W47192, N26526, W93135, W92918, AA375408, N35098, AA887117, AA871989, AA353433, N43841, AA872002, AW376122, D62615, AI582085, AA887456, AI868549, W32010, D62467, AA385192, AA447788, T26924, AA210901, T24867, N84003, N86900, AL036885, AA627889, W31385, I89947, AA872003, AA873883 AI246770, AI377933, AI761199, AI582622, AI819187, AW192622, AI762504, AI380444, AI123719, AA478657, AI126230, AI719024, AI921857, AI432426, AI022358, AI333183, AI810529, AI916005, AI884681, AI140905, AI343423, AI246424, AI250883, AI250885, AI200012, AW009851, AA181198, AA155749, AI332724, AI086038, AA856788, AI879585, AI879707, AI370881, AI347370, AI203506, AI360051, AA954858, AA970945, AW339115, AI081304, AI879202, AI280414, AI346236,
356	HE8DO31	849332	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1009 of SEQ ID NO:356, b is an integer of 15 to 1023, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:356, and where b is greater than</p>	

			or equal to $a + 14$.	AA847775, AA658469, AI086949, AA025436, AI400971, N27005, AA832161, AI202673, AI810468, AW083414, AI219951, W19276, AA468676, AA812273, AA479197, W47357, AA256365, AA327573, AA256364, AA147387, H41525, N40127, AI738810, AA357136, AW135116, AW136509, AA364038, AA808931, AA187044, AI468337, AW044664, AI916117, AI698850, AI520913, AI768430, AI273687, AA535489, AI636213, H46492, R07159, W47356, AI885612, AA535798, AI498440, AA659491, AA327583, R07158, AA025435, AI928752, AA877568, AA053434, T25510, C02250, T26909, AA578776, D83198, Z60270
357	HAIDB85	849422	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1939 of SEQ ID NO:357, b is an integer of 15 to 1953, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:357, and where b is greater than or equal to $a + 14$.</p>	AI633566, AL035927, AW082315, AI285786, AL037767, AI708861, AI419414, AI284177, AW192459, AI151396, AA612739, AI134855, AI815685, AA689334, AA586813, AA968598, AA304835, AA626463, AA001819, W49728, AA626099, AA127695, AI149127, AI750750, AA724294, AA452323, AA719312, AA315574, AI173084, AI034293, AW239174, AA844519, AA082487, AA253375, AA081790, AA282163, D51303, AI208895, AA810675, AA720605, W04959, AW407689, AA644649, AA334603, R13836, AI366334, AI804247, AI264107, AA908291, AA102713, R86037, AA354729, AA131961, AA232457, AI383333, H06667, H12962, T81299, AA810674, AI377092, AA337127, W25665, AA196179, AA034964, Z21248, T54845, N39971, AA333529, T68528, AA356322, W00470, AA164635, AA644616, N42849, AA196152, X85724, AW365561, AA374119, AI284135, AI300595, AA164658, N53818, AA379168, T93858, AA242902, W01108, AI076637, AA083193, AI192401, AA242858, AI287983, AA232723, AA172366, AR000521, AL035071, U51196, U75920
358	HMCIR67	849471	<p>Preferably excluded from the present invention are one or more</p>	AI421195, AI823602, AW007122, AI738743, AW075980, AI815121, AA576854, AA777517,

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2012 of SEQ ID NO:358, b is an integer of 15 to 2026, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:358, and where b is greater than or equal to a + 14.</p>	<p>AI033832, AI342602, AA536141, AI634282, AI202694, AI076677, AI057413, AA781616, AW297480, T50718, W92897, R48717, AA468674, AA533325, R48613, R93351, T50872, T27871, AI032233, AI419563, R76437, W92673, AI679196, AI948938, R76436, AI872272, R93352, AI424697, AI749473, M80647, M80646, L18868, D31798, D28773, L13128, AC004914, M74055, AC004961, S60133, AF107462, D34621, L36083, L36075, D34613, AC006021, D34625, L36087, U88978, L36086, D34624, L36081, D34619, D34623, L36082, L36085, D34620, U41333, L36079, D34617, L36076, L36078, D34616, D34614, L36084, D34622, U41329, D34618, L36080, D34615, L36077</p>
359	HKAJC79	849492	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1785 of SEQ ID NO:359, b is an integer of 15 to 1799, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:359, and where b is greater than or equal to a + 14.</p>	<p>AA742540, AI949524, AW009332, AI201176, AI768723, AA715094, AA831472, AW102922, AI499236, AI823609, AW261975, AW152666, AA457035, AI983270, AW418518, AW268358, AI672287, AI680566, AA877765, AA572955, AI937271, AA251282, AA126413, AA477257, AA668906, AW273880, AI985481, AA668840, AA890291, AA779485, AA632088, AA490994, AA934761, AA464997, AW152662, AA779468, AA491190, AI910978, AA719863, AA719844, AA814688, AI088595, AI864615, H98197, AA946609, AI201916, AA932316, AA621623, AA484077, AA743202, AI129689, AI142981, AA864712, AI368073, AA310074, AI079256, AA736521, AI434206, AA405892, AA736756, AA862664, AA772608, AA455277, AI022982, AA861894, AA975691, AA053973, AI089987, AI707806, AI150546, AA824433, AA774459, AA405768, AA010721, AA477905, AI148247, AA629311, AI087197, AA011168, AA554239, AA772485, AA251691, AA427464, AA932687, AI825437, AA877501, AI768582, AA779638, R77334, H99885,</p>

360	HCRMP14	849534	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 496 of SEQ ID NO:360, b is an integer of 15 to 510, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:360, and where b is greater than or equal to a + 14.</p>	AA456879, AA046249, T74509, AA865588, AA815149, T78289, H71005, AA019149, W52322, N55011, AI631616, H24844, H47049, AI934170, H58128, T07785, AA531525, AW129329, R66628, AI261961, AA991725, AA629053, H99921, AA531560, H21398, R38023, AI453401, AW002331, R69000, T91190, R77280, R09085, T24004, H58129, AA099598, F12475, H94358, T40435, H03006, AA483171, T28233, F00855, H75331, R83645, AA018371, AW379482, H61533, H01774, AI748829, R80893, AA922532, R16458, R16463, N78106, AA897541, R67959, AW195838, H75946, H70920, AA099604, R97163, H21444, R69001, R09086, W05189, AA578112, R66629, H01025, N28571, R38160, AA877775, H46510, T84698, AA046368, AA598492, D54847, H98196, AA035270, N77201, AA126538, N73849, AI439580, AI436620, AW364833, AA552980, R97162, AI630014, M74525, AC001479, X53251, U57690, X96859, M62388, M62387, AF144083, U04308, AC005354, U04306, U04303, U04304, AA907128, AI017816, AW169350, W46974, R46497, AW449613, AW292741, AA531185, R41684, AA834533, AI075225, AW338342, H97931, AI813765, AA862837, AW058435, AA862832, AI635400, H71799, AI698932, AI832997, R41518, AI422989, AA190880, T16160, AA069733, AW032243, AA204873, AA743455, R98696, AA370347, AA806415, N71872, AW408592, D20034, AW296083, AL045327, AL045328, AL134524, AL134110, N73655, H62822, AL047163, AL037295, AL038838, AL037343, AI547295, AL042898, AL038983, AI142134, AL037436, AL037335, AL037323, AL037727, AL037443, AL038532, AL044125, AL041347, AL037435, AL038822, AL040193, AL044162, AL047012, AL043923, AL043814, AL040463, AL047170, AL041238, AL044186, AL044037, AL040617, AL043496,
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	AL041635, AL040294, AL043845, AL044064, AL041459, AL041577, AL047219, AL038761, AL040625, AL045684, AL041752, AL043538, AL040621, AL046850, AL040768, AL046994, AL046914, AL040052, AL040464, AL040510, AL043467, AL043677, AL040839, AL043492, AL041602, AL044074, AL041730, AL041523, AL043627, AL041374, AL040576, AL043848, AL043570, AL047183, AL040472, AL045753, AL041324, AL040444, AL046442, AL041133, AL042135, AL045671, AL039316, AL041098, AL040322, AL038651, AL046392, AL041955, AL039360, AL039643, AL040119, AL044272, AL041096, AL044258, D29033, AL042096, AL041168, AL041163, AL041159, AL041246, AL045920, AL040148, AL047057, AL041296, AL040458, AL044187, AL041358, AL041086, AL041292, AL049018, AL045990, AL040571, AL041346, AL041142, AL040332, AL038745, AL045817, AL039338, AL079878, AL040075, AL079852, AL037341, AL040529, AL041197, AL041233, AL046330, AL044274, AL040745, AL040370, AL039432, AL040128, AL048677, AL041199, AL040553, AL047037, AL047036, AL040342, AL041186, AL040414, AL040149, AL038878, AL039744, AL041277, AL040285, AL040155, AL040091, AL044165, AL041131, AL043941, AL040090, AL037279, AL045989, AL041051, AL040168, AI318479, AL043775, AL041344, AL040253, AL041227, AL040082, AL045857, U46344, AI547291, AL040329, AL135012, AL041278, AL043444, AL048714, AL038024, AL047340, AL040263, AL042523, AL048657, AL045494, AL040238, AL040255, AL042468, AL045725, AL042420, AL045891, AL039915, AL043612, AL038040, AW363350, AL042655, AL038041,

361	HPRAO21	849565	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1073 of SEQ ID NO:361, b is an integer of 15 to 1087, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:361, and where b is greater than or equal to a + 14.</p>	<p>AI547258, AL042741, AL038463, AL043089, AL043321, AL046356, AL042488, AF052178, AJ238010, AR066494, AR064707, A93923, D17247, A93916, A93931, A85203, AL122101, AL133053, AL133074, AR023813, AL133049</p> <p>AI052135, AI890107, AI686770, AI963006, AI984506, AI961271, AA843515, AI220462, AI419384, AA885293, AI207618, AI963413, AI459597, AW025000, AA603448, AW363852, AI758891, AW392559, AA989465, AA503215, AI830067, AI034409, AA470621, AI673484, AI140068, AI040846, AI219825, AA864780, AI922639, AA933051, AI864888, AA865451, AA694072, AI146368, AA992845, N36326, AI493767, AA845369, AI278500, N32540, AI298514, AI000823, AI276994, AA781543, N29985, AW007592, AI354457, AW169756, N29254, AW192206, AA971940, AA938756, AW002816, AI270311, AI052332, AI660591, W44763, WI7329, AA534770, AW380393, AA974319, H97778, AW023687, AI299161, AI300275, AI282801, AA729903, AW392564, N25177, AI872857, C75063, AW362058, N20541, T29041, H70688, AA828722, N91557, AW379047, H66828, AW392567, H72848, N68129, T62868, AI690659, N90163, AW151492, H88000, N93149, AI127148, H72404, AA341079, AW079633, AI818665, AW379016, N30761, AI570742, AA370668, AW379021, AI570730, N47849, W86859, H16104, R89407, D29131, AI459018, R21200, T58996, AA370507, AA724664, H15806, AW392560, AI872592, R89322, AI041668, N36044, AI420834, T59069, AA665915, W39110, AI932569, R76517, T62718, R76518, W02950, H90052, W19111, R22815, N85687, AW131986, AA345529, R21927, AA886259, N71586, AA366223, T25987, T11384, H88174, D29295, W38680, R22577, W73312, N32629, H66827, Z35415, Z13009</p>
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362	HAIBU93	849583	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2259 of SEQ ID NO:362, b is an integer of 15 to 2273, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:362, and where b is greater than or equal to a + 14.</p>	AA399232, AA214221, AA214177, AA459064, AI217132, AW339584, AA398082, AA442330, AW294203, AI917452, AW403072, AI220568, AA458874, AA193291, AW370558, AW370567, AA417244, AI761150, AA906703, C01285, W27419, AA810767, AI952624, R15252, T05960, AW105600, N50941, T15642, AA813317, AA992859, T35055, H15240, AA340392, AI016379, AI187986, AI798100, AA781802, AA379493, H15178, AW370622, AI783874, AA369389, AW370623, AA194237, T25074, AA808556, AI358612, AL041918, AW191003, I64695, AL031602, X70514, E01614, E13364
363	HCFMHS2	849589	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1834 of SEQ ID NO:363, b is an integer of 15 to 1848, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:363, and where b is greater than or equal to a + 14.</p>	AW392529, AI174700, AW392532, AI816050, AA173896, AL044183, N28894, AI276665, AA488136, AW235051, AA425206, AA173973, AA143588, AI088813, AI375591, AI682282, AA131957, AA552394, AI372077, AI815968, AI189556, AA131870, AA195221, AW405832, AI913758, H11682, AI160025, AI080684, AI274922, N42210, W31775, N56608, AA173540, AW006017, AA970729, AA173599, AI141364, N40261, AA769471, AA765730, AA143589, AA805505, D53701, AA835965, AA160875, AI128815, AW439438, AI358415, H73591, AW006016, AA101513, AA918239, AA085473, AA101590, W04674, AA975223, AI445105, N29653, AA766497, AA338102, H85230, H11594, AA354823, AI289645, AA356478, AA189014, AA429650, R85283, AW392524, AI565353, AA732660, AI942444, H98176, AA189015, AA825691, AW193155, AA159876, AA101512, AI620615, H73817, W25687, AA912092, AA356309, R34828, R84501, AW406393, AA373687, D60569, T24902, AA425651, H49162, T89376, AA432349, AW188489, AA813807, AI380128, AI471358, AA295075, Z21155, AW381345, T80058, AI827055, AI619999, AA256402, AA256194, AA503863, AI918437, AI358712, R58308, AL041924, AI282253, AI250821, AL110373, AL042694,

364	HMVAE41	849658	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1794 of SEQ ID NO:364, b is an integer of 15 to 1808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:364, and where b is greater than or equal to a + 14.</p>	<p>AL045943, AI912496, AI274626, AI242505, AL042377, AA760655, AI691006, AB009282, AR052337, Y12517, X96392, AL031732, AC002416, AC005296, AP000152, AC018769, AC006203, AL031681, AC004832, AL031281, Z98036, AP000011, AC004797, AC002540, AL008735, AP000104, AC004554, AL034417, X78627, AC007390, AC005224, AL049557, AC004383, AC005585, AL030998, AC006222, AP000340, AP000344</p>
365	HMSDT39	849666	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:365, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:365, and where b is greater than or equal to a + 14.</p>	<p>AW300205, AI634862, AI636211, AW117753, N91173, AW168897, AA983273, AW002887, AI435122, AI674869, AI374834, AW081459, AW271351, AW237603, AI818463, AI025174, AI559577, AA758512, N48695, AI492924, AW168956, AA291263, AI476602, AA209287, AI953330, AI702174, AI590318, N29813, AA653205, AA908587, W19735, AI679742, AA255954, N49753, M86083, AI303020, AA148623, N89992, T31216, T16818, AW087559, N72208, AA642349, N45545, AL044337, W19616, AA256117, AI276869, N52681, T86722, N59844, N51450, AA319376, D61438, AW391658, W31671, AI702072, AI623267, AI692792, AI014575, AW151467, AW389355, D57869, N22895, AW449444, N55976, N90029, W17143, AF020762</p> <p>AW009696, AI564501, AI338422, AI686931, AI830964, AW104148, AA627656, AW006174, AI680983, AW419082, AW103434, AA933858, AA522877, AI433080, AA617814, AA622024, AA554556, AA779573, AA570328, AA657985, AI469240, AW001139, AA743027, AA731026, AI376559, AA614745, AI683021, AI805646, AA564744, AW327272, AW189407, AA772612, AA552120, AA580117, AA922942, AI424857, AL047290, AW304111, AI820019, AA858092, AI160220, AA626035, AW328246, AW169771, AW328245, AW194365, N41032, AI934782, AA305951,</p>

	AI565547, AI420886, AA541658, AA121148, AI282967, AI862584, AA935695, AI767434, AA732156, AI538727, R70257, AI367619, AI435015, AI695001, AI500534, AA463702, AW072210, AI681713, AA764755, AI261773, AA577037, AW270152, AA522789, AI209005, AI352465, AA993024, AW119091, AW005720, AA121128, AI470307, AA961169, AI628473, AA486942, AA632943, AA470737, AI652250, AI581601, AI915065, AI332465, AI770027, AI971332, T28946, AA306606, AI420057, AA935777, AA532671, AI631581, AI341401, AI829777, AI380770, R70307, AA486766, AI630939, H49082, H49164, AI208022, AA299673, AA532764, AA844602, N94413, AW384764, F17865, AA985013, AA770317, AA663958, H45766, N47133, AA463764, R76630, AW276648, AI160446, AA764756, H45767, AW169784, AI633300, AI537643, AI800473, AI537677, AI873638, AI612057, AI345677, AI345688, AI927233, AI886594, AI653402, AI357644, AI866419, AW085373, AI560545, AI679261, AA580663, AI366985, AI628188, AI308035, AW268060, AW302973, AW079432, AW302073, AW169671, AI932739, AI318254, AI500113, AW191844, AW080076, AW081383, AI589428, AW051088, AI539781, AI249877, AI434242, AW148882, AI349646, AW082532, AI797794, AI587606, AW079334, AI633061, AI866691, AI358213, AI613471, AI318609, AI933992, AW268261, AW163834, AI915210, AW411412, AI309420, AW182790, AI348847, AW051727, AI886016, AI798271, AW088903, AI954721, AI250646, AA693331, AI569367, AI446023, AI888621, AI860697, AI357599, AA070889, AI539707, AW195943, AI144116, AI376376, AI289791, AW075382, AI138452, AI866919, H03560, AI612068, AI345787,

		AL043084, M94345, X54511, U12026, AF199027, E03348, E03349, A45787, AF143957, A18777, AF205861, X59414, AF161699, U77594, S78214, I48978, AL137521, X82434, Y14314, AL050155, AB028451, M86826, U96683, U67958, U75604, X83544, S77771, I29004, X66417, AF113690, AF016271, AL050138, U36585, X83508, AR038854, AL133636, AF067420, AR029490, AL137555, X99717, I25049, A52563, AR012379, E12579, AF026008, AL110224, AJ012582, AL035407, AL137627, A07588, AF036941, Z13966, A08913, AL137574, Y13653, I89931, AF175903, A08912, U83172, A08910, AF055917, A08911, AC007390, I49625, A08909, AL117648, Y11435, L19437, AB026995, AF089818, AF132676, AF061836, AL049460, AF017152, AF158248, U62966, AC004383, ARO16469, A08907, A08908, AF038847, S76508, AF114168, I89934, AL034417, AL049347, A32826, A32827, S61953, AF100931, AL049339, A65340, AL117583, AB007812, AF118558, U00686, I66342, AF040751, AL137254, AL133619, AR068466, AL117629, AR053103, A18788, Z98036, AF035161, AL137659, AF169154, AL137461, X84990, AF162270, I30339, I30334, AL049466, AF113691, AF022813, AL122111, X63162, E12580, I89947, AL137294, AC004213, AL022170, AR029580, S54890, Y11587, AL137478, AL117626, AL137271, AF155119, AF183393, AL137554, X57084, AL023657, AL096744, I25048, AF044323, AF151109, U80742, I32738, E01963, AL117432, AL133049, AL110280, AF012536, AF065135, A57389, I42402, L30117, S68736, AF004162, AL137665, U88966, AL031346, AF095901, AC004987, D55641, E12747, AF111112, A30330, A30331, A21103, AF000167, AF097996, AF067728, X87582, A65341, E05822, AF215669, X99257, I48979, AF162782, AL122106, L13297, AL117416, X55446, AR060156, AL080127, E07108,

366	HE8NK24	849679	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2124 of SEQ ID NO:366, b is an integer of 15 to 2138, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:366, and where b is greater than or equal to a + 14.</p>	<p>AL137705, AF030513, AR068182, AF098162, AF182215, X52128, AC002464, AC005291, AF016628, AL137300, A65965, AF017437, L10353, AF118064, A83556, AF061263, I33392, AL133099, I36502, AF061795, AF151685, AL133016, AF125948, AJ003118, AL137547, AL080137, A65943, AF106934, AL096751, AF085809, AL133606, U75370, AL137268, X99226, AL133623, I89944, AL034400, AC006112, AF148129, AR000496, U39656, AL050277, Z30970, AL137267, AL137556, AL137523, AL078630, E15582, AF134726, D83989, E04233</p>
367	HWHQP08	849741	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3165 of SEQ ID NO:367, b is an integer of 15 to 3179, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:367, and where b is greater than or equal to a + 14.</p>	<p>AW000957, AI149682, N54552, AA677417, AI004751, AA992602, AW080433, AA508779, AI268552, AA836008, AW402796, AA720688, AA233670, AW193422, AW337371, AW302406, AW367620, AA233609, AA887284, AA081954, AA630594, AI190420, T55505, R07480, T55428, T10635, AI682187, AI264725, F03986, R07532, T97965, AW367619, AA384042, AW391626, AI620711, AW367850, AF042378, AJ003061, AJ003062, AF052663, L13801, L13800</p> <p>AW134989, W29043, AW137089, AA310151, AW137100, AA280092, AA652688, AI922824, AW292281, AI798823, AI986453, AI083672, AA489006, AI831941, AI383505, AI085344, AI356359, AA041528, R52438, AA030002, AA972328, AA524059, AI223070, AI580243, AA732474, AA825704, AI381602, AA252748, AA480915, AA028986, T17469, AW070405, AW102620, AA911995, T16192, AA805396, R52453, AA814395, AA749176, AA814416, AA721721, AW169884, AI953882, AI097342, T29132, N51775, AI289287, AI400795, AI383504, AW242681, AI351241, AA039904, AI972601, AA480859, AI372039, AI961141, AI916886, AI203089,</p>

	AI061316, AA621468, AI702252, AA325608, AI638016, T77415, AA862644, T67229, AW194681, AA954305, AW408608, AI678021, AI289766, AW166565, AW243385, F09137, T17470, AI288152, AA262884, R39524, R40013, AI559481, AI208984, AI783861, AI636719, AI866127, AA848053, AI619716, AI932949, AI625464, AI473451, AI431909, AI859464, AI474107, AA911767, AW149925, AW243886, AI633125, AI539632, AI799199, AI670009, AI955906, AI799234, AA833760, AI624293, AI886206, AW087534, AI433157, AI702073, AI344785, AW163823, AA830821, AI868204, AI570807, AI470293, AW026882, AI927755, AW152182, AI568138, AL121037, AI873644, AI538564, AI567351, AL110306, AI499263, AI623363, AI929108, AI915291, AI884318, H42825, AI263331, AA640779, AW024889, AL046466, AI699011, AI340603, AI611348, AI624529, AI817552, AI654750, AW026610, AL037041, AI689420, AI073952, H89138, AI573026, AI364788, AL047100, AI308032, AI620868, AA614183, AI866002, AI697324, AW090498, AI924971, AI498579, AI566630, AI623682, AW075667, AA427700, AI805688, AL046990, AI648684, AI433021, AI915243, AA916372, AW089258, AI919345, AI698401, AI249877, AI699862, AI560171, AI537837, AA464646, AI468872, AW130863, AA603709, AW083804, AW059713, AI445992, AW088903, AI537677, AW088134, AI537244, AI590021, AI282355, AI439087, AI249962, AW089179, AI367210, AI610645, AI696819, AW129929, AI274769, AI590686, AI587606, AW151714, AI422985, AW129230, AW081255, AI277008, AI888621, AI696969, AA464027, AI242736, AI686554, AI686823, AI436644, AI680457,

	AI952302, AI288050, AI867042, AI539771, AI254727, AI569328, AI802542, AL048656, AI446124, AA983883, AI476077, AI251830, AI365256, AI635299, AI798303, AW085786, AW151729, N22406, AW265004, AA807088, AI280670, AW148716, AI280661, AI698427, AI436429, AW193203, AI537617, AI680498, AL041220, AI922577, AI802240, AI874151, AI471361, AW191844, AW162071, AI648567, AI701975, AW088899, AI648408, AI890628, AI613017, AI280689, AI366549, AF054997, A61088, AB022021, EI5569, AI2297, X92070, AL137526, I48978, AL122106, AL133113, AF104032, X80340, A08916, AL080060, AI8777, AB013464, AF118070, AL110280, AL080124, I89947, A08913, AF003737, A08912, U80742, A08910, E03348, I89931, A08909, AF090900, I49625, A08908, AF159615, AL137705, AR038854, AF119337, AL050024, AF019470, I66342, I42402, U58996, AF153205, Y09972, AJ242859, X65873, A03736, S68736, AF162270, AF051337, M86826, AL080074, AL080086, AL133645, AL117432, AL122111, AF106657, AF008439, AB019565, AL133104, AL049300, AL110196, Y10080, AF125949, AF079765, AJ006417, AL137300, AL133093, AL122050, AL049314, AL080127, X52128, AL133568, AL050092, AF057300, AF057299, AC002467, AF012536, AF113690, AL133565, AJ238278, AL122098, AF017152, U96683, AF158248, AF185576, E02221, I89934, I89944, S61953, L30117, Y11254, AL137556, AL133081, AL133557, AL133014, AL080137, X63574, S76508, I68732, AF067790, AF113694, AL133558, E04233, AL117583, I48979, AL117585, S78214, AR011880, I41145, AF090934, I26207, Y16645, AF118064, AF065135, AL133640, Z37987, AF118090, Z72491, AL137648, AL117460, AL117649, AJ003118, AL137294, AF061943,

				<p>AL137276, AF111112, U00763, X79812, AL133077, AL080158, L31396, AF090896, X93495, L31397, X53587, U72620, X63410, AF110329, X00861, AR038969, AL049466, AL049430, AB007812, AL117578, AF113676, U78525, AL050277, AF118094, I09360, E02349, X84990, AF061795, AF151685, AL049465, AL122118, X81464, AL122110, AL137429, AF113677, AL137557, X87582, E05822, U67958, X62580, I33392, AF132676, AF061836, AL110197, AL137538, U00686, A45787, AF040751, AF030513, AL137527, AL050138, I80064, AL049452, AF106862, AF000145, X98834, A93016, A08907, AF114170, AL137283, AF067728, X70685, AF079763, AF000301, AL050146, AL137656, AL117394, E06743, AL050393, AF061573, I00734, A08911, AL137539, A58524, AL137463, A58523, AF113019, AL122049, AF113689, Y11587, AL137478, AF051325, AL049382, AL080154, AF210052, AF183393, AF026124, A07647, AL110221, AL133665, S69510, AL050116, AL137712, AL122045, E00617, E00717, E00778, U49434, AL137658, AL137488, S79832, AL133010, U42766, AF113691, AF022363, AL137292, AF137367, A18788, AL049460, AF100931, AL133606, E02253, AR000496, AF113699, U39656, A90832, Y14314, AL133016, A08915, AF146568, U66274, AL122121, E12747, AF026816, AL133072, AB016226</p>
368	HCRPJ23	849783	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1812 of SEQ ID NO:368, b is an integer of 15 to 1826, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI005359, AI694315, AI972612, AI082065, AL036211, AI754870, AW008284, AI753702, AA180902, AA453712, AW388278, AW021211, AA922030, N26071, AI288322, AA009423, W49749, W73146, AA614058, AI189484, AI445135, AI246036, AI186112, AI089442, W95921, AW378467, AI052141, AA973256, AA778174, AW081659, AA134129, W73174, AA595090, AW388639, AL036065, AA872130, AA009727, AI249673, AI089346, AW081295, AA152095, AI493759, AI696171, AI198768,</p>

NO:368, and where b is greater than or equal to a + 14.	AI095592, AA988673, AW192264, AI360686, AI075646, AI127970, AI476448, AI909705, AW103076, AI921172, AA442058, AI983996, AI038329, AW007632, AI015146, AW191944, AI570803, W47165, W49665, AI623383, AW130296, AI813857, AI565173, AW264689, AA932684, AI890795, AI261258, AI889762, AI889623, W35237, AW176280, AI566515, AI961919, AW069080, AA026409, AA152021, AI567800, AI886097, N40433, AI985741, AI623335, AI683566, AI623369, AI598274, AI624600, AI676240, AI814850, AI955731, AI858730, R58670, AI913077, AI678789, AI870552, H27256, AI569941, AI870688, AW339093, AI687790, AW192921, AI358146, AI445362, AI436434, AA582996, AW439550, AW190961, AW074180, AW020905, H50566, AW130924, AW190851, AW190930, AW130861, C17793, AW130713, AI829567, AA036658, AI916475, AA541427, AW190064, AW192279, AI269867, C01855, AW316967, H62651, AI583573, AA329660, H03678, AA570205, AW190004, H97890, H50567, R36357, N30685, AW057827, AI983667, AI476453, AI274588, AI561137, AA441945, AI814955, AI282943, AA953589, H42353, AI683009, AW242195, AW303685, AW276332, C15892, AA405149, AI955758, W95922, N64264, AA868993, AA033923, AI286292, AA405610, C16363, H62568, AI470055, AA917644, AW104088, C18198, AI827141, AI571657, AA328579, R64269, AI864163, AA368990, AA298282, AA447781, AA328712, AI590011, R73008, C02550, AW419142, AA852576, C16424, H54085, AI933573, AA505508, AA361442, R89380, R73611, AI499592, H43123, AI682596, AI273125, AI679681, AA852577, AI679107, AA328516, H02311, AA295427, AA297005, AW439074, H54084, AA360662, AI801321, AA298288, AA298272, AA298216, AA722944, AA358056, AA298090, AI926006, AA333978, W72242,

AA369007, AW103312, AI583434, AI583035,
AA888720, AA385234, AI758456, AA372254,
AI868202, AA722767, R58323, AL037142, AI926090,
AA330252, AW152009, W76087, AW103329, AA297765,
AI824777, AA331081, AA361083, AA361157,
AI932852, R25637, AW380002, C16588, AW338537,
AI752974, AI561308, AI597986, AA298207,
AW051093, H25313, AL048396, AI866075, AW192994,
AI473604, AA010935, AA035657, U21128, U18728,
AC007115, L11063, X84039, AF020292, S68736,
Z82022, AL137533, AF111112, AL137271, AL096744,
I48978, AL110225, U72620, I89947, A08910,
A08909, AF097996, AL133113, ARO38969, AL137523,
AL050146, A08916, A08913, AL133031, AL137459,
AL136842, AL080137, AL050149, I08319, AL122110,
X79812, AL122098, AF106862, AL110196, AL137550,
U91329, X65873, AL122121, I89931, AF090934,
Y16645, AJ000937, AF087943, I33392, AF090903,
AF118064, AL133560, I49625, AF038854, I48979,
AL122123, AF158248, AF091084, A08908, AL080074,
AL117435, AF113019, A77033, A77035, AL133075,
AL133568, AF090901, AL133080, AF113699,
AL133016, I09499, AF177401, AL133606, AF113694,
AL137283, I26207, AL049314, AL117457, AF079765,
L24896, X53587, S78214, AL137463, S61953,
AF017437, AL133640, A08912, AF125948, I41145,
AB019565, Y10655, AL122050, E07108, AJ006417,
A58524, A58523, X82434, AF100931, AL122049,
Y11254, AF111851, AF183393, AL080158, X92070,
AL049466, AL117460, I92592, A91160, A12297,
X63574, X66417, AF118094, AL050024, U67958,
AF051325, U02885, AL133557, AF126488, I03321,
Z37987, AF090900, A14605, AF113676, AL122118,
I29004, AF113677, AL080159, AL137560, AF069506,
AL137648, AF125949, AF090896, AL133565,
AF057300, AF057299, AL049464, A65341, AF118070,

				AL137478, AR000496, X62580, AL049382, U39656, AF079763, Y09972, AL049452, U68387, AL050108, AL137658, U80742, AL122093, AL050393, U35846, U42766, AL110222, E02221, E15569, A93016, U00763, AL080086, AL133067, I00734, AF067728, E02349, AF210052, AL133098, AL137538, U68233, AF017152, AL080156, AL050116, AL133014, AF146568, AF061573, A18777, AL137556, AL050277, AL049938, AL049283, AF106827, I17767, I30339, I30334, E01614, E13364, AL137476, AF113013, AF162270, E03348, L13297, E05822, AL049430, AF153205, AB007812, AF026124, AL110221, U31501, AL117394, AL137294, AL133072, AF085809, A03736, AF104032, AL137479, X98834, I89934, AF119337, AL133104, L19437, I09360, AF031147, AL133081, I42402, AJ242859, AR059958, AJ238278, AL117585, I66342, AF106657, X57961, AF081197, AF081195, I68732, X72889, AR011880, AF003737, AF113690, AF090943, AL137557, AL133093, X70685, A07647, E08631, U66274, AL133077, R25957, R27018, R35985, R64157, R68317, H88594, H97065, W23782, AA026485, AA126576, AA257032, AA642773, AA642836, AA094426, AA216327, AA599579, T25001
369	HTOAC26	850211	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 825 of SEQ ID NO:369, b is an integer of 15 to 839, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:369, and where b is greater than or equal to a + 14.</p>	Z44246, AA053435, R56150, H67892, H13387, F12033, T65636, AW451795, R78086, T65661, W80585, AL133026, AC007406
370	HUVCQ41	850254	Preferably excluded from the	AL040881, AI139241, AI637855, AI290255,

<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2301 of SEQ ID NO:370, b is an integer of 15 to 2315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:370, and where b is greater than or equal to a + 14.</p>	AA620401, AI126739, AA194023, AI128399, AI457095, AI479504, AW022180, AA854196, AI628702, AI146726, AI457402, AW237805, AA137220, AW243056, AA128469, W39694, AI093822, AI285858, AI804452, AI917541, AA482469, AI246264, C18060, AI678247, W19097, AA121936, AI884338, AA136193, AI824933, AA085549, AI039613, AI613131, AW173141, R81896, AI610844, AI867539, AL046066, AA235841, AW294375, AA296509, AA452887, AI242498, AA128329, R99534, AA101808, R81794, AA969044, AI356140, R99547, H04087, R62827, AI479480, R67319, AA360704, F00845, T94212, Z28653, AA194211, F00848, R66479, AA621305, R33374, AA581247, AA121935, AA426407, AI784040, AL079734, AL038842, AI675688, Z28650, AA515728, AA282951, T94123, AA832444, AA825827, AI633909, R23035, AA765925, AW304580, AI066646, AW243793, AL041894, AI620585, R62878, AW069227, AW327624, AA410788, AI783911, AA084609, AA502991, AA602906, AA904211, AI955029, AA706495, AA284247, AW021917, AA582554, R33375, AW188742, AA515048, AI679413, AA832175, AA563770, AI280266, AI654738, AI755202, AI357628, T74524, AI251591, AL042753, AI587349, AI471476, AI634187, AA228778, AW157731, AW275432, AI581486, AI434686, AA630854, AA493226, AA832145, AA715173, AI049534, AA056248, AA715075, AI754170, AW338021, AI457313, AA456924, W31597, AA487475, AA719073, T50061, AA534064, AA595770, AI963856, AA713705, AW265614, AW089950, AI056177, AA182731, F24728, AI669421, AA559166, AI369580, AI289505, AI744830, AW069412, AA809546, R99535, AA130647, AA121777, AA829036, AA483606, AA598927, AA829065, AI439393, AI792072, AI274011, AI431513, AW384449,
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	AA653612, AL037714, AI276298, AA527209, AA608667, AA570740, AI798407, AI758424, H54252, AA601674, AA668147, AA548886, AA568204, AI376239, AI912401, AI889579, AA127222, AI821881, AI267356, AI821918, R83708, AL048925, AW328000, AW419389, AA468196, AC005215, AC002996, AC005839, S42653, AL024508, M87914, Z95152, AC005288, AC003950, AL023096, AC002390, AL021453, AC005091, AC001226, AL121658, AC006430, AC005920, AC004148, AJ246003, AL031228, AC012384, AL121825, AL133500, AC007216, AC005011, AJ236701, AL022578, AL022313, AC002477, AC004703, AC005075, AL049563, Z97989, AC007327, AL031010, AC006966, AC009044, AC005256, Z95115, AC004701, AF155238, AC005922, Z97205, U07563, AF196971, AC002430, AC004849, AL121655, AC005516, AC000373, AC004972, AC007384, AL132777, AC009509, AC005756, AC020663, AC003119, AC007684, AL035633, AC004834, AC004638, AL049844, AC005632, AC002492, Z97630, AC003684, AC005015, AF111168, AP000696, AL049569, Z69917, AC006241, AC005694, AC002476, AC005630, AL135744, AL031230, AP000299, Z93017, AL031686, AL049570, AC004017, AL033521, AL049835, Z84467, AC003963, AF038458, AC005014, Y18000, AC005089, AC003991, AL009181, AC006597, AC004851, AL109952, AC005972, Z99495, AL031274, AC006346, AC008040, AC006061, AC004634, AL122023, AC002483, AC008044, AC003024, AC005529, AL117354, AL096818, AC007199, AL022322, Z85987, Z85996, AP000493, AC004878, AL121593, AC004098, AP000033, AC005527, AL022345, Z97353, AL030995, U17576, AL049843, AC009178, Z86090, AL031255, AP000116, AC004224, AC003098, AC002040, AF088219, AL035405, D87675, AC006537, AC005291,

371	HP/JEC66	850264	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2993 of SEQ ID NO:371, b is an integer of 15 to 3007, where both a and b</p>	<p>U91323, AC005071, AC004002, AL035422, AC006449, AC002375, AC005826, AC006468, AC007536, AL031589, AC004470, AF205588, AC005406, AL049872, AC005031, AC005768, AP000555, AC004841, AL096678, AC004987, Z98200, AC006084, AL078581, AL078584, AC005488, AL034420, AC000085, AC005081, AL035400, AL133355, AL008726, AC016831, AL135960, AJ131016, AL096701, AC005932, AC003663, AC006211, AC004644, AC003010, AL035551, AC000134, AC004675, AC004622, AL049766, AC007057, L78833, AC006387, AP000558, AP000102, AC006312, Z82201, AL096761, AF039907, AC003030, AL050318, AL117352, AC006379, AC005618, AC004815, AC004832, AC011592, AP000509, Z84487, AL049779, AL031293, AP000113, AP000045, AL031584, AC007204, AL034371, AC005366, Z83826, AC004460, U80017, AC007746, AC006019, AP000501, AL022336, AL049776, AC006285, AL109827, AL023494, AC004796, AC005736, AL080242, AP000566, AC002449, M89651, AC006962, AC005730, AL133371, AC006112, AC004125, AC003109, AL133448, AC002045, AC005480, AC004820, AC004655, AP000142, AL035587, AC004150, AC005900, AC007363, AL050341, AC007243, AL049636, Z94801, AL031286, AC005620, AC002347, T55205, R22930, R25360, R33340, R33341, N79795, N83477, AA453058, AA620384</p> <p>AL079713, AA019285, AW387766, AI393405, AA057866, AI150748, AW002060, AI285751, AI804383, AW362527, AW086498, W32465, AA019093, AA121087, AA192422, AA157309, Z44482, AA015928, AA353392, W19828, W96345, AA886352, AA015927, T77280, AA056991, AA059204, AA897284, AA059262, R68727, AA192527, N72977, N54833, T34590, H37766, H37839, AI902921, R32417, R34123,</p>
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			correspond to the positions of nucleotide residues shown in SEQ ID NO:371, and where b is greater than or equal to a + 14.	R20036, AI684917, AA188354, Z42069, F05884, AI803047, W96344, AW135643, R32418, AI963424, H04412, Z38793, F01603, H01922, F03563, AI475203, AA356593, H38120, D19797, AI538533, H04434, AI267294, AW392791, AA568778, AF052088, Y17979, Y17977, Y17978, Y17976, E15725, D89289, AB025198, D86723, E14720, AL109847, AF038280, AF038281
372	HCQCD86	850273	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:372, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:372, and where b is greater than or equal to a + 14.	R54166, Z43366, R42185, T30280, AW083132, AL031003
373	HCRMX05	850371	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 698 of SEQ ID NO:373, b is an integer of 15 to 712, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:373, and where b is greater than or equal to a + 14.	AI887746, AI473102, AB011166
374	HAPRB43	850859	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	AI654147, AI810992, AI589186, AA910037, AA570707, AI765595, AW188411, AI806437, AI760065, AI890968, AA227446, AW237851, AI337043, AA922182, AA227501, AI050958,

375	HWHQL22	851066	<p>the general formula of a-b, where a is any integer between 1 to 1793 of SEQ ID NO:374, b is an integer of 15 to 1807, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:374, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1801 of SEQ ID NO:375, b is an integer of 15 to 1815, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:375, and where b is greater than or equal to a + 14.</p>	<p>AI283160, AA227513, AA226738, AI470530, AA226812, AA916642, T89323, AW152530, T89959, AA227372, N59841, T94622, T94623, N76372, AF124522, AC004456</p> <p>AW001408, AW025576, AI167306, AA421304, AW183595, N53420, AI884557, AI961482, AI366803, AI277353, AA905774, AI471722, AI208800, AI285232, AA917870, AI923048, AI002657, AW444453, AW072850, AI002663, AA995040, AI420232, T91710, Z44009, AA743874, AA768502, Z40060, AA421383, T91698, AI536628, AW197122, AA465719, F07259, T92932, AI222859, AW385033, T92460, T93049, AA780031, T92477, T89796, AI680633, T89430, AI078087, AI572783, F03531, AA465126, AA361777, R57124, AI417757, AI805839, AA808475, AA324494, AB033082, AF132479</p>
376	HWLMN9 3	851217	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 536 of SEQ ID NO:376, b is an integer of 15 to 550, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:376, and where b is greater than or equal to a + 14.</p>	AL035496
377	HTGFW53	852170	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI742968, AA102335, AI858272, AA587215, AA523335, AA573431, AI718039, AW294925, AI298302, AI290208, AA135360, AI719848, AA157727, AA122310, AA102312, AA101293, T08661,</p>

<p>the general formula of a-b, where a is any integer between 1 to 3188 of SEQ ID NO:377, b is an integer of 15 to 3202, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:377, and where b is greater than or equal to a + 14.</p>	<p>AA971633, N36169, H02342, AL048969, AA121086, AI279131, AA305313, AI420820, AL042905, AA524604, AA216644, AL042906, AL044340, AF034176, AA708751, W40578, AL048626, AI816537, AA081138, AA487475, W40576, AA122340, AI732911, AL120008, AI679002, AI791227, AL138265, AW406162, AI732327, AA177130, AL042539, AI744188, AI567674, AA126635, AA504951, AA224525, AA133332, AW401509, AA565585, N44159, AI815583, AI961232, C06151, AA831913, AL044339, AI204309, N23097, AA984258, AA601503, AL042282, AI310464, AW151102, AA492584, AA614180, AA908857, AW408643, AA640277, AL134669, AL079869, AI801141, AA525409, AA568314, AL046746, AI732128, AP000501, Z83843, AC004686, AP000694, AC005516, AL050307, AC002375, AC004491, AC005280, AC003029, Z86090, U91323, AL050318, AL022313, AC003688, AC004383, AF207550, AC005921, AC004813, AL022323, AC004638, AF196779, AL049869, AP000689, AC009247, AC005231, AC002544, AC002470, Z97054, U95739, Z95114, AC002347, AC007283, AC007227, AC008115, U63721, AC005225, AC007731, AC007242, AL034420, AC002477, AP000356, AC004685, AC005619, AC006449, AC007225, AC006965, AC005015, AC005519, AL133163, AL022336, AC005500, AC006344, AL031846, AC004755, AC002425, AP000008, AL139054, AC004796, AC005913, AL049830, AC004975, AC005696, AC004983, AC004851, AC007686, AC004448, AC005632, AL031255, D87675, AL080243, AL034417, AC002996, AP000704, AC005488, AC005004, AC005081, AC004887, AL133245, AL049760, AC005899, AC004223, AC004242, AC005480, AL049776, AC003982, AL096791, AL121754, AL049780, U91318, AC009509, AC005399, AP000115,</p>
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			AC005355, AF165926, AD000092, AC005730, AC005057, AC006241, AC005484, AC004024, AL049636, AC004821, AJ003147, AC003098, Z85986, AL035422, AC005722, AC007226, Z99716, Z85987, Z84466, AF129756, Z83826, AC005839, AC004754, AC005527, AF029308, Z83840, AJ246003, AL022163, AL121603, AC004099, AP000355, AL035086, AC000052, AC005694, AC006509, AC005058, AC002094, AC006251, Z95331, AC005412, AC005274, AL008582, AL035249, Z69705, AC007637, AL121653, AC005520, AL022165, AC004253, AP000555, AC006120, AP000359, AC003043, AC003963, AC004890, AF060568, U91326, AC006064, Z83844, AL031311, AL022316, AC004263, AC004883, AC005821, AC005874, AC005736, AF134471, AC007308, AC002563, AC007537, AC006014, AC005332, AC006211, Z98044, AC005264, AC004216, AC004230, AL020997, AC006511, AL022476, AC004895, AF095901, AP000212, AC007263, AC006121, U85195, AL022311, AC007899, AC005971, AL096701, AC006441, Z69920, AF038458, AC005844, AL079342, AC005037, AC005229, AC007160, AC005531, AL035587, Z82190, AC007541, AC006480, AL024498, AC006080, AC004662, AC004797, AL031767, AC004477, AC007688, U96629, AC004167, AL031291, AL031005, AL109963, AC002314, AC005291, AC007298, AC004884, AL049874, AC005578, AF196970, AC005726, AF024533, AL021154, AL021878, AC005102, AF053356, AC005529, AC005183, AC005060, AL109628, AP000031, AP000512, AC004408, AC002316, AL031848, U62293, AC005841, AC004760, Z69917, AP000215, AL031670, AF141325, AP000692, AL049538, AC006160, Y14768, AL049694, Z93244, AL021391, AC002465, AC004771, AC005378, AL031289, AC005189, AL133312, T63377, T94977,

378	HANGG89	852387	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2387 of SEQ ID NO:378, b is an integer of 15 to 2401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:378, and where b is greater than or equal to a + 14.</p>	<p>AA137237, T10598 AI692182, AA477305, AI269928, AI264345, W88860, AI476206, H18309, AA479629, N30904, AI138307, AI343016, R42588, AI500167, AI928577, AA011427, AW139105, H47436, AI350196, AA962561, H65317, AA353763, AW193644, W88754, AI240815, H64403, AW243810, H64466, AA349069, H64452, H47347, R12712, AA011390, AI422579, R39766, H91585, H64415, AW292212, H90657, AI040619, AI681139, R39765, AL045327, AL045328, AL042898, U46344, AL046273, AL133049, AL133053</p>
379	HKAAV86	852812	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 838 of SEQ ID NO:379, b is an integer of 15 to 852, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:379, and where b is greater than or equal to a + 14.</p>	<p>AI142133, AI125955, AA099589, AA099195, AA101877, AA098999, AL046448, AA173235, AA085237, AA082919, AA299705, AA094115, N85410, AA377177, AI243981, N86437, AW403324, AW190564, AA247123, R17416, R24302, H00147, R92806, AA071275, AI796920, AW364027, AA248454, AW402559, AI935862, AA704065, AI916342, AA666039, AA507485, AA040605, AI813926, AW197959, AW273696, AA995472, AI583116, AA731083, AA599966, AW197947, AI868832, AI872695, AW079296, AW263386, AW075345, AI869137, AI701204, AA158272, AI432491, AI910925, AA368305, AI699789, D45441, AW196035, AI640738, AI991740, AW242256, AI886146, D29593, AA527221, F04200, AI251134, AA652161, AA662355, AI269854, AA664813, AA308698, AA668557, AI753908, AA729385, AI753048, AA664425, AI872612, AA029483, AW078512, D57925, D57417, AI590007, AW078521, AW074413, AI590009, AA600264, D58570, AI933653, AW302381, AA576691, AI286321, AI631406, AW007954, AI537853, H89041, AA600096, AI754555, AI049522, AI583042, AI865956, AW069407, W46461, AW069439, AI678461,</p>

				AA666041, AW338582, AA853499, AA853118, AW103316, AA852928, AW198176, AA485339, F02472, AA669375, AA853703, AI926802, AA599411, AW317014, AI475263, AA669968, AA852873, AI279645, AW152591, AI570071, AA853907, AI061306, AA304491, AA367577, AI624508, AW262800, AL047981, T17426, AI566448, AA670465, AI249329, AW078819, AI914427, AI151197, AA464848, AI247113, AW007968, AI432083, T40661, AI032132, AI624041, AI453768, AW028422, AW173650, AA770695, AI865924, AW075592, AW103304, AW129068, AW193455, AA728855, T29408, AA491991, AI445641, AI520770, AI609649, AI633323, AI246991, AI696877, AW131257, AI499176, AA693449, AI866877, AA376304, AI986291, AW338530, AI435209, AI435228, AW022946, AW242276, AW129074, AA587644, AI368933, AW003438, AI814772, AI891018, AA626904, AA904717, AI446504, AA368253, AA484039, AA946739, AA296453, AW020421, AA599880, R32764, AW074499, AI537174, AA715468, AI754222, AW068269, AA599396, AA599815, AI753152, AA564348, AI240449, AI583592, AW020521, AW020314, AW020233, AW023601, AA653329, AA782691, AA557448, AA598933, Y13286, D13988, Y13298, AC006024, U07951, L36314, AF027361, X74401, AF076291, AF144713, Y13291, Y13287, Y13290, Y13288, Y13289, S80206, X02761, A14133
380	HSACF33	853175	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2000 of SEQ ID NO:380, b is an integer of</p>	AA758003, AI393511, AI745227, AI400593, AI361058, AI421934, AW055024, AA639992, AA678281, N64804, AI419316, AI022207, AA535085, N64760, AI360871, N34840, AI668844, AA677093, AI350949, N76168, AI094853, AA428072, N51463, AA115795, AA398677, AI204113, AI083523, AA625661, AI264028, H50861, AA056256, AA715624,

<p>15 to 2014, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:380, and where b is greater than or equal to a + 14.</p>	<p>AI287600, AA393323, N76354, AA478577, AI131253, AW020489, AI879936, AA427956, R19770, AI147474, AI685853, H10460, AW009344, AI086648, AI274853, AI580474, AA830100, AW237044, R81911, AI572140, N23738, AW305082, AA627509, AA056315, H79313, H13001, AI872614, AI453789, AA570617, R70354, AA115794, R43355, H63824, AA370525, H79426, AA478712, AA492446, H72676, H28024, R78390, N43915, R78391, AA450037, W38531, AI086047, T28681, R23199, AA319158, N90080, AA903186, AA768142, AA374991, AW069635, R23200, AA342675, AA297604, R28598, Z38820, AW392736, R28390, AA371629, AI474240, N79382, AA622157, N54391, AJ230782, N46635, AI471187, R39618, AI659542, N32443, AA357539, R39562, H10459, AI990226, AL041375, N34906, R17637, AA584241, AW439703, H71678, AA846923, AA582554, AI915081, R99470, C01602, AW265688, AI521525, AW020150, AI537368, N75652, AI356440, AA639155, AA584489, AI053827, AA282951, AA679625, H30475, AI926102, AI984168, D26067, AC004883, AC005527, AC005529, AC004821, AL035458, AF196779, AL022316, AC000025, Z98051, AP000514, AC007298, AJ003147, AC005736, AC006501, AC004796, U95090, AC005046, AL121603, AC003029, AL035587, AC005104, AP000697, AL024507, AC005899, AC005216, AC005225, AF134726, AL008583, AC007551, AC005994, AC004805, AB023048, AC004139, AC005488, AC004974, AL049872, AC007376, AC005234, AC003085, AC004703, AL078581, AC005327, AC006597, Z98742, AP000030, AC005207, AL022320, AC004383, AP000503, U95742, AC006441, AC005291, AC000353, Z98884, AC007050, AC003043, AC004033, Z84469, AC004686, AC004750, AC004477, AL117694, AC004687, AC007051, AL109627, L78810, AL022319, AC002316, AL021546, AC006449, AF045555,</p>
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	AC006211, AC005911, AC005295, AC006277, AP000133, AP000211, AC005480, AC004966, AL023803, AL008635, Z98036, L47234, AC007193, AC005971, AL096701, AC009247, AC005695, AC005288, AC016830, AL035659, AC007637, AL117258, AL034421, AC002302, AL008631, AC005081, AP000130, AP000208, AL032821, AC007207, AC006111, AC007563, Z82206, Z49258, AP000247, L44140, AL049757, AC005702, AL031659, U91323, AL109984, AC007216, AC007386, AC002288, AL035405, AC005519, AL096791, AC008044, AL031728, X87344, AF038458, AC002551, AP000088, AF024533, AC007546, Z86090, AC007262, AC004227, AL135744, Z99716, AC002375, AL133243, AC007057, AP000104, AC005015, AC007387, AL022302, AF111168, AL049748, Z98304, AC004887, AL031589, AP000140, AC005914, AC003684, AL035420, AL022722, AC020663, AC016025, Z99128, AL031729, AC005764, AC005778, AL080241, AC007860, AC005822, AP001051, AC005088, AC005740, AL080317, AL133448, AC006014, AC000159, AC006120, AL022165, AC007239, AP000501, AC005696, AL122020, AC006285, AL031427, AC007919, AC002310, AC003101, AC008394, AC006261, AC006071, AC006948, AF196972, AL109939, AC005921, AC007011, AC002128, AC007671, AC004605, AC002492, AL021155, AC006042, U29953, AC007021, AL031662, AL136295, AL109952, AL035407, AC007406, AL031228, AL133485, AL031229, AP000355, AL137705, AC005913, AC007030, AL049538, Z98745, AC006382, AC004699, AC006539, AC006023, AL034549, AL034379, AC007676, AF001550, AF095901, Z97053, AC004765, AC009510, AL117356, AF091512, U85195, AC006088, AC004964, AC007731, AC005815, AL034420, AC004878, AP000031, AC005786,

381	H2CBA56	853230	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:381, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:381, and where b is greater than or equal to a + 14.</p>	AC006530, R81807, N53603, AA025818, AA503110 AA912711, AA313241, N59364, R71689, AA889755, AA907229, H44652, AW029538, AI693197, H43610, R54016, AI765349, C05901, R67625, T11836, AI432347, H28446, AI362187, W86722, AA514697, AA630422, AI417570, AI076503, AA725556, AA535222, AI268124, AI394393, AI765623, AI359512, AI421474, AI081785, AA573523, AW021552, AI954036, W86721, AW301490, AI311428, AW302896, AI366979, AI252741, AI251402, AI252170, AI308570, AW271149, AI254900, AI306074, AI252019, AI254903, AI334468, AI289701, AI744777, AW302995, AW301914, AI249305, AI345655, AI053639, AI144065, AI251387, AW302005, AI057136, AB002336 AI874228, AL048427, AI538564, AI627988, AI648567, AI567935, AI280670, AI539781, AI433976, AI274759, AW262042, AI872074, AI433157, AI554821, AW151136, AI608805, AI539771, AI537677, AI494201, AI500659, AI539800, AL045626, AI866465, AI815232, AI801325, AI500523, AI538850, AI582932, AI284517, AI923989, AI872423, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AW172723, AI284509, AI889168, AI440263, AI866573, AI633493, AI434256, AI866469, AI805769, AI434242, AI671642, AI888661, AI284513, AI888118, AI436429, AI859991, AI889147, AI355779, AI371228, AI581033, AI440252, AI866786, AI610557, AI860003, AI242736, AI887499, AI559957, AI521571, AL039390, AI829990, AL119457, AL042544, AL079960, AI538885, AI598061, AI745485, AL047422, AI539707, AL045500, AI620284, AI890907, AI828714, AI687375, AI371251, AI866510, AI923046,
382	HLJBL63	854063	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 117 of SEQ ID NO:382, b is an integer of 15 to 131, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:382, and where b is greater than or equal to a + 14.</p>	

AI500714, AI799199, AI491710, AI366900, AI828574, AI472566, AI863197, AI680457, AI640729, AW149878, AI251830, AI634251, AI273179, AI887775, AI590043, AI282268, AW197139, AI631057, AL079794, AL042551, AI866741, AW002174, AI564602, AI275175, AW089557, AI432666, AI499463, AI969567, AI863082, AI610362, AI537735, AI440239, AI521596, AI049851, AL042382, AI690946, AI583032, AW191003, AI537273, AI436456, AI371265, AI521005, AI963846, AI567940, AI610357, AI582912, AI817244, AI269862, AW080856, AI612913, AI866461, AI567993, AI355008, AI867042, AW104196, AI285826, AI863014, AI521594, AI499512, AI623736, AI889133, AL042787, AL042572, AI783861, AI863477, AL048375, AI610402, AI364788, AI434223, AW089572, AA603709, AI697243, AI610429, AI628850, AI469775, AI866820, AI433968, AI890806, AI476086, AI537187, AI539632, AI889148, AW118237, AL042377, AI539847, AI828583, AL042538, AI872300, AW172745, AI434741, AL042557, AI538878, AI354998, AI434274, AI567944, AI453248, AI805762, AA641818, AI432656, AI636719, AL040207, AL042365, AI285432, AL047187, AW083804, AL119319, AL119399, AI343059, AA715307, AA809974, AL046990, AI800152, AI349933, AI866608, AW129271, AI345253, AI799195, AW151979, AI612885, AA420758, AI566630, AI863191, AI610667, AI885949, AI270561, AI872051, AW059713, AL048323, AW152469, AA494167, AW192375, AI886022, AI612015, AL043168, AW084812, AI689420, AA830821, AI349598, AW168402, AW269097, AL046356, AL048377, AL041862, AA807088,				
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AI680389, AI334930, AI569328, AI432644, AI636619, AA468418, AI537515, AI536910, AA761557, AI866457, AI343091, AI920782, AI309443, AI824375, AW131989, AI433037, AI866002, AI073952, AW080700, AW193134, U49434, Y11587, AC005057, A18777, AL122049, AP000514, I48978, A08916, AL080060, I89947, A08913, I89931, A08912, A08910, I49625, A08909, AR038854, A08908, E15569, AF113691, U77594, Y08769, AL133072, AF104032, AL122110, E04233, AL133080, AL133081, AL133077, AF081195, I89934, I89944, E07361, AR011880, AL137556, AF111112, A21103, AL133067, AF113689, E02253, U96683, AL117432, AF162270, A93016, AF003737, AF113690, X87582, E05822, AF132676, AL049382, AF061836, AL137538, M86826, X84990, AL117578, AL050149, AF113676, A45787, AL137705, AF030513, AL050138, AL137665, AL110280, A18788, AR038969, AL137526, AL133640, X80340, AL117583, AL117585, AF125949, AL133113, AL122123, X72889, U00763, I48979, I09360, AR000496, U39656, AF017152, AF158248, AL122121, AL080124, AL050277, AF012536, AF110329, AL080154, AR059958, U68233, I92592, AL080127, AL110222, AL137476, Y10655, AF119337, AF113019, AF100931, AF111851, AL122111, L30117, AL133557, AB007812, AF026124, AF000301, AL133016, AL117440, AF146568, AL137273, AL080137, AF113013, AL133565, E02221, AL137300, I68732, AL049464, AB019565, AF078844, AL133104, AL137429, AL137557, AL133093, AL049466, AR019470, X62580, AL049452, Z72491, A90832, I42402, AL133665, E07108, AL137712, I66342, S68736, S78214, AL137527, AL137294, AF000145, I00734, AL137479, A08911, AF026816, AL137463, S75997, AR020905, AF113694, AF091084, AF017437, AL137283, AF126247, AF113677, I96214, AR034830,				
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383	HHFOV83	854073	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2012 of SEQ ID NO:383, b is an integer of 15 to 2026, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:383, and where b is greater than or equal to a + 14.</p>	AL049300, AF118094, S36676, AF090943, AF097996, AL133558, Y11254, AL137478, AF051325, X70685, AL049314, M30514, AL137648, AL137459, AL133098, AF079763, AJ242859, AJ238278, AL117460, A07647, AL117457, AL050116, AL023657, AF125948, L31396, AL096744, E00617, E00717, E00778, U68387, AL050146, AL110225, AL117394, AL137488, A52563, AL122093, A12297, U42766, AL133606, L31397, X63574, AJ006417, AF061573, U91329, AF057300, AF057299, X96540, X98834, AF061943, A58524, A58523, AL080074, A08907, I26207, AL122021, AL049465, A08915, S79832, AF022363, AL080086, AF067790, E03348, I80064, E06743, Y10080, AL133014, AL122118, S76508, AF081197, AF090934, AF028823, L19437, X79812, A65341, U67958, AL080159, AF118090, AF210052, Z82022, AF183393, X52128, AL117649, X92070, AL110221, AL133075, AF061795, Y14314, AF151685, AF061981, U80742, U78525, AL080148, AL050092, X93495, AR068751, AL050366, X53587 AI147367, N38739, AI038362, AA306982, AI090692, AA430286, AI375057, AA832521, AW087382, AA481263, AA682491, AI816161, AI032742, AI271556, AI142375, AA772447, AI277932, AA861172, AW275861, W95514, AI310221, N21226, AI554585, AA622794, AI685388, AI094587, AI870769, AA161317, AA161269, AI828141, AI889952, AI138674, AI992250, AI093557, AA854451, W95748, AA528173, AA706459, AA922049, W92931, AI222782, AI087903, AI354769, AA010744, AI338847, AI573260, AA535258, AA829973, AI425087, AI127537, AI078189, AI860629, AA040606, N36785, AI312075, AI860618, N35545, AI818680, AI160456, AI188731, AW237244, AA927773, AA315522, N26495, AA418250, AI130937, AW026110, AI078700, W92930, AI189277, AI819131,
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	AI308823, AA576681, AA402366, AA678068, AI050690, AI150775, W07311, AA130641, AI356188, AI992238, AA632439, AA398578, AI138868, N41577, AI348234, AA725329, AA854444, AI494104, AA102041, AI248913, AA861548, AI146539, N36042, AA749246, AI623577, AA102040, AI309551, AI193635, D80222, AI750505, W16594, AI335196, AA973577, AI802773, AA579587, N40411, AI347895, AI207319, N24916, AA757075, AW022051, AA004814, W70099, AI494122, AA047417, AA435877, AA932173, AI360040, N92468, W32858, W39316, AA443371, AA725083, AI811596, AA151345, AA574227, AA988481, AA553643, AA058890, T86893, W04849, W07341, AA171485, AA350353, N79793, AA397537, AI361500, AA767393, AA491049, AA039548, AA171873, AA443799, AA130743, AA296477, AA418371, AI039877, AI034158, AA350355, AI346724, W30975, AA081842, W32412, AA826413, AA485065, AA683191, AI750506, AA214656, AI032235, T31993, AI690512, AA490864, AA972903, AA875952, AI266157, N30803, AA441965, AI372476, R44640, AA011170, AA412078, C14244, AI537215, D51710, AA112658, D81672, T33576, T29959, AA879091, R00040, AW372109, AA372522, N41552, AA350354, W05591, AA296293, AI183719, AA737423, T75529, Z32779, AW023311, H92492, AA011172, AI280683, AA350672, AA293688, T30062, AA359611, H90590, H88467, R89111, H01877, T30578, AA554214, AI372475, AI085819, R23508, AA485161, H58617, T31455, T30057, T30775, AA995219, W01659, AI355187, H88466, AA021457, W02831, W30907, AI066442, H92493, D80216, AA772519, H87644, AA772663, T31230, T31445, AA084441, AA746824, H58618, AA664067, AA223631, T35618, T30506, N48376, D55832, T19529, AI816199, W21185, AI498748, H71696, T35993, D55847,

				AA085298, AI826367, T31976, AA357765, AA047416, AA045501, H72258, AF068754, M84133, S38729, AL080074, AF210052, D44497, I41145, U72621, U61971, U61970, X68249, I48978, AL137561, AF104032, S70057, Z48796, AJ001838, AL137284, E13998, U94316, X79812, X53587, AL133608, AF026124, AF161406, X83544, M64936, AF043642, AF072933, X61049, E00984, I04527, AL137476, I48979, AF106697, AF113676, AF008439, A76337, AL117626, AF114818, AF117959, AL137556, X60786, AF054988, Z72491, AL096750, AF081825, AF081197, AF081195, AF029728, AC004213, AL031281, AL137463, AR022283, X98066, AL050170, U70981, AB026995, U89906, AF030165, E12806, AL133053, AF047716, S69510, AF044323, AF040723, U75378, E15568, A57389, AC006115, X52128, AL137538, AF158248, AL137658, AF137367, AF169202, AF107018, AL096709, S75997, AF017437, AL049959, AF058921, AF004162, AL110269, AF113013, AL049423, AF060866, J05043, A58545, AF132979, X66113, T86892, T88768, R07813, R02519, H01878, H87645, N27504, N45945, N75568, N78599, W19455, W23893, W33125, W87569, AA021456, AA039549, AA055507, AA055508, AA063216, AA062641, AA081863, AA112657, AA149245, AA177032, AA483430, F16679, AA614547, AA714169, AA746127, AA746987, AA863434, N83598, N84074, C14243, AA090322, C15720, AA094953, AA095885, AA648733, AA725460, AA813664, AA974615, Z24858, Z28604, D20869
384	HMTAE04	854987	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1332 of	AI076832, AW055243, W67979, W68082, AA834993, AI857546, AA543028, AI131337, AI095504, AI200501, AI096393, AG29289, AW028678, AI050854, AI199116, AI199573, AA878778, AI024423, AW248926, AI298878, AI040156, AA040394, AI189654, AI537467, AI298968, W76354,

			SEQ ID NO:384, b is an integer of 15 to 1346, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:384, and where b is greater than or equal to a + 14.	R93490, AA749457, AW006223, W72385, R93491, T16004, AA861892, AA877821, AA699840, AA744576, AA033598, AI805225, AI830800, R98502, AA918052, AA033597, AA010392, AA612820, AA136046, AI468659, R98458, AA804806, AI079099, W00678, AA223489, AA010420, T16983, AA602907, AI695165, AI655482, AA971722, AA126657, N74666, AA203670, AA775379, AA040498, N69011, AA580962, AA743583, AI819009, W05037, AI679325, AW008460, AI222609, AA223599, AW249342, AI985521, N86961, U79569, U96448, AF033201
385	HWLN76	855130	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:385, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:385, and where b is greater than or equal to a + 14.	AI741418, AI250888, AI803956, AA405712, AI819932, AI275390, AI333992, AI857462, AI192862, AA258274, AI570928, AI342563, AI333503, AA142965, AI313372, AW195427, AA460652, AA480906, AI810213, AI278469, W86426, AA948327, AA885690, AI338420, AA234713, H91249, AI093456, AI214591, AL037358, AA635563, T78782, AA464811, AA236395, AI719169, T78399, H90341, T90933, AA150631, H90335, AW023940, AA431898, AI741922, T85819, AA234781, AA193260, AA903699, AA405960, AA348205, N74122, AI887868, AW362460, AI630327, AW236120, AW379776, AL049540, AA286732, AI191459, AA171434, AI355745, AA357190, AA285245, H10514, AA352837, AA338860, T97814, AF106941, Z11501, L14641, M91590
386	HDQF56	856227	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 848 of SEQ ID NO:386, b is an integer of 15 to 862, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:386, and where b is greater than or equal to a + 14.	
387	HLDBR21	856243	Preferably excluded from the	T70976, AI114496, R96283, AI478489, AA721678

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 571 of SEQ ID NO:387, b is an integer of 15 to 585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:387, and where b is greater than or equal to a + 14.	
388	HIHAUD91	856354	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:388, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:388, and where b is greater than or equal to a + 14.	AW249337, AA429219, H09067
389	HTOHA37	856923	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1082 of SEQ ID NO:389, b is an integer of 15 to 1096, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:389, and where b is greater than or equal to a + 14.	AA436974, AW301595, AI627769, AI148986, AW295167, AI095891, AI338889, AA228704, AW300645, AA938998, AW290959, AI584103, W51788, AA631562, T30453, AA593364, AA593259, D20778, AW148377, T19553, AI371361, AA228703, T19552, AW156939, AI696364, AF132951
390	HDPPP71	857684	Preferably excluded from the	AI383479, AA314780, AA488893, H84254, T05979,

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:390, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:390, and where b is greater than or equal to a + 14.	H84268, H86360, Z22452
391	HBBES2	857946	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1437 of SEQ ID NO:391, b is an integer of 15 to 1451, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:391, and where b is greater than or equal to a + 14.	AI174931, AA633248, AA307732, AW009694, AI708561, AI608859, AI912027, AW003654, AI147532, AW410500, AA703917, AI268422, AA315977, AA948335, AA714371, AI523863, AI799651, AI094601, AI653623, AI418474, N28523, N25832, AI678862, AA436086, AI969854, N50600, W15539, AW276307, AA176977, AA315741, AI573156, H99189, AI290689, AI022256, W31633, AA393190, N24472, AA665198, N25334, AI342932, AI350373, W46663, AA664456, W69947, N31447, AA315704, AI217012, AI299963, AW169034, AI269693, AA224139, W52454, AI350065, AW328643, AI149242, AI469902, AI146550, AW328744, AI280165, AI343905, AA115633, AW191988, AI274391, AA306451, AW273525, N50546, M78775, AA629016, W46572, R66807, W69946, AI276408, AA211672, AA528272, T35600, AI937658, R71434, T75448, AL037057, AA602926, H16018, H99844, AW194891, AA224140, AA843376, AL037133, AA879102, T77217, R32430, AI763096, T79893, H11074, AA313381, AA305608, AA740662, Z28524, AA384331, AA741428, AA729918, T36096, T32819, H43950, N50439, T74479, T77430, T36026, T85287, F13092, N50495, H11162, AL133741, R67905, AA640263, N74697, AA313248, Z45665, AA577403, W05751, AA308179,

				T36097, Z28522, H99295, W05085, AA133390, AA435987, AA215662, AA948686, R27532, T32717, F10686, AA348310, R27490, T36025, AA650125, F18615, Z41336, AA782250, T74105, AA531601, D52493, AA628374, AI540601, C02982, T34250, AI222685, W52455, AA938476, T30776, T85497, AA834484, AA313624, AW368698, W37632, W37631, C01072, AA064863, AA369828, AA356358, AA301621, AA065121, C18586, AA650346, H43904, AA213943, N23667, AI304608, AA369829, AA676748, AA095424, R32429, AA215728, N75008, N47208, R37606, N84337, AA093943, N75908, AI025459, AA910321, W23851, AW089275, AW303089, AI364639, AI815855, AI358701, AW268067, AI858137, AI254727, AW162194, AI159837, AI432040, AW087842, AI539153, AW020419, AA287231, AI494201, AL119791, AI633125, AW073697, AA464027, AL041772, AI886192, AI348901, AI419650, AA493923, AI580190, AA464646, AI345688, AI824648, AI567802, AA761557, AW089405, AW074869, AL110306, AI888621, AI698391, AI929108, AW168031, AI917963, AI567582, R36271, AL037454, AL039086, AI445992, AI568138, AI445990, AW020095, AI921281, AL120254, AI889189, AI345745, AW151948, AI802654, AI312428, AI863191, AI250819, AL036403, AA908294, AI874166, AI364788, AW188840, AI434741, AI572717, AI918655, AI689420, AI433157, AI251830, AI288285, AL110233, AF145385, AF077034, AC004067, AC006023, AL023913, AL049830, AL122104, I48978, X63574, X65873, Z72491, I89947, AL133640, AF017152, AL050116, AI2297, E12747, AF100931, AL117649, A07647, AL137529, U35846, AI8777, A08916, A08910, AR038854, A08909, A65341, A08913, AF113690, AF118064, Z37987, I48979, I89931,

AL080154, AL137527, I49625, AR038969, A08908, I09499, AL050277, AF067790, AR013797, E04233, I33392, AR029490, AF118090, U91329, AL110196, Z82022, AL137550, AB007812, A08912, AL133565, X83508, AL137526, AL133077, AC002467, AL133080, AF079763, AL117440, I68732, AL080086, AL080137, AF008439, AF028823, AL133016, AL050092, AF162270, AJ000937, A77033, A77035, AL117578, A45787, AF146568, AL117432, E02221, E01614, E13364, AL137479, M92439, AF078844, AR020905, AF113694, AF067728, Y11587, X62580, AL049452, M30514, AL117583, AL133557, I66342, E15569, AL050155, AL122093, AL050393, AL110222, AL137521, AF017437, AL049466, AF065135, AF113699, AL133081, AF125948, S79832, AF022363, Y10655, E03348, AF113689, I80064, AL049283, I03321, AL137459, AR059958, U42766, AL133560, S61953, AL122110, AF113019, X82434, L19437, U49434, AL133093, AL137478, AL080159, L30117, AL080234, AL122098, AF026124, AL080127, AF061795, AF090903, Y14314, AF151685, AF061981, S68736, AL117435, X93495, AF104032, AF061943, X72889, AR011880, AB019565, A21103, AL133104, AL137283, AR000496, U39656, A90832, AL096744, AF177401, AL122118, U78525, AL080148, AL137548, AJ006417, AL122121, AL137476, A08911, I89934, I89944, X00861, AF113677, U67958, AL137560, E06743, AL137271, Y10080, E07108, AL049465, AL122045, AF185576, AF090896, AL117394, AL137705, A08907, AL049300, AF118070, AL133645, E02349, AJ238278, X92070, AF125949, U68387, S78214, AL133606, AL110171, AF090934, AF126247, Y16645, AF090943, I09360, AF097996, X87582, E05822, AL050024, Y11254, AR019470, X80340, AL137538, X84990, AL133075, Y09972, AL117457, AF106657, AL133113, U72620, A18788, AL080124,				
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392	HLTDR01	858166	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1411 of SEQ ID NO:392, b is an integer of 15 to 1425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:392, and where b is greater than or equal to a + 14.</p>	<p>AL080074, AL122049, I26207, AL122050, X70685, U58996, AL133098, M86826, AF017790, AL080158, AL050149, AL133014, AL137273, A03736, X96540, AL137300, X98834, AL137463, X81464, AF111112, I41145, AL080060, AL137429, AL137556, S36676, AF132676, AF061836, AL122111, AF210052, X52128, U96683, U87620, AF113676, AF158248, A08915, AL133568, U80742, AF030513</p> <p>AW385859, AA419101, AI290315, AI041588, AW390662, AW385843, T75225, H08027, R83777, AA216462, H61773, R71821, AW384937, M78650, F12858, R28101, N23532, AA504182</p>
393	HMECD50	858178	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4741 of SEQ ID NO:393, b is an integer of 15 to 4755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:393, and where b is greater than or equal to a + 14.</p>	<p>AI984818, AI568216, AI564107, AA805698, AI681685, AI827106, AA053800, AA938489, AW007101, N25989, AI693621, AI561244, AI144484, AW151585, AI697886, N98566, AW272292, AI096959, AI681003, AA034070, AA827882, AW014483, AA630414, AA824356, AI336871, AA316109, AA648440, AI074830, AI089429, AI362242, AI366697, AI089558, AI075238, AI207943, AA830124, AA736466, AI478810, AA996033, AI685187, AI742045, W96064, AI681016, AI580772, T33918, AI024936, AW028751, AA434099, AI827165, AW300086, AA889968, AW008314, AI265917, AI984561, AA877742, AW003114, N35170, AA987322, AW022441, AA910763, AA243491, AI124025, AI765070, AA884677, AI056620, AI359910, AW351871, AI052381, W81311, AA844185, AA603787,</p>

	AI651435, AW016871, AI571393, AA476546, AI304722, AA889289, AI333701, AA044294, AA243428, W40468, T16097, AA970544, AW273026, AI806170, W24250, AA111852, AI362559, W60148, W74747, AA035786, AA725619, AI243167, AI522223, AI808805, AA434369, W81312, AI253071, AA808307, AI683788, R37482, AI650388, AI004291, AI344142, AA101154, AI935966, AI669651, AI186913, AI948923, AI860153, AI298579, AA996292, AI702113, AA531191, AA078922, Z43542, H08503, T64586, AI866869, D58796, W94092, W51938, AA349176, AA483674, AW192524, AA085939, AI309315, N93966, AA196255, W96065, AI202403, AA085511, R62988, AA640172, T50714, AI961628, AA376655, AI435333, W74564, AA814014, AA894595, AA768212, R76156, Z39612, AW151282, AA452689, AA977443, N35597, T49840, H96905, AI698533, AA767590, AI568701, T31524, AA978243, AA370930, AA375488, AI520828, AW103242, T76968, AI880190, R84695, AI525356, AI124977, Z25324, AA658431, H08779, AA262315, AA916166, AA341762, AW015466, R22469, AA829960, AA719815, AA196153, Z45549, AA319607, R78025, R63044, T77132, T85963, R56667, T71935, AW193938, AW104224, F04406, H87982, R26846, AA357282, R79650, T35601, N88359, AA304242, AA233389, AA360722, AA375734, T71928, AA112488, T87634, AI598215, AI910242, T35305, AA380126, AA809949, T35899, R78206, AA938355, AA044121, AW418632, AA355637, T49839, R77020, AI185564, R22419, R73107, R79843, AW007935, R73106, AA344789, AI870082, AA328125, R56830, AI925827, AA369142, N55924, AA325755, AA845757, N36620, AI581578, AA079040, AA927705, R27075, AA879187, AI382558, AA094562, H88162, AA033955, AA476441, AI024882, AI203133, R14199, AI686151, R77924, AA471369, T50868, AA917320,

394	HDPJL40	858606	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3025 of SEQ ID NO:394, b is an integer of 15 to 3039, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:394, and where b is greater than or equal to a + 14.</p>	<p>C21159, W94155, W21472, D25555, AA112421, D80005, AF055017, AA730233, AA096006, AI023497, AI088305</p> <p>AI923220, AW271504, N36059, AW243442, AI804888, AW271637, AI650826, AI921747, AW103424, AW076096, AI392784, AI807747, AA633209, AA604757, AW418987, AW242326, AI925261, AW014203, AI819108, AW131363, N33223, AI524472, AI953896, AI126250, AI694687, AI700209, N33824, N21567, AA731730, AA577191, R52426, AI559108, N30972, AI990562, N35579, N25189, AW087660, AA743389, N24947, AI339587, R23308, AI376459, AA742979, N27426, AA954281, T26975, AI801129, AI245517, AI125720, AI701246, N41938, AI640713, AI636147, AW087669, H97662, AI243263, H29641, AI572028, Z46022, H29640, AI983198, AI270534, H99399, Z42169, AI521060, R82562, N34709, AA373475, AA319637, T34245, W20047, R23233, D78710, H29549, AI741908, AA833897, AI369988, Z41637, H29548, AI367191, F01708, AA659275, AI246035, AI219239, AI221561, AI273738, AI281168, AI685342, AB007962</p>
395	HDPGS38	858894	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3262 of SEQ ID NO:395, b is an integer of 15 to 3276, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:395, and where b is greater than or equal to a + 14.</p>	<p>AW069232, AI125648, AI624424, AW390456, AW377272, AL047050, AL135473, AW338313, AA314599, AW338408, AW058395, AW377235, C17248, AA506729, AI801062, AW304244, AA584283, H59230, AI801229, AI267419, AW029190, W47561, AW264141, AW377245, AA148299, W47533, AI866710, H11999, AI499571, AA863211, D57803, AA065135, N84947, AW377244, AW390448, AW028866, AI498663, AI590030, R71267, T29061, AA853771, AW368416, AA528429, N84933, R31348, AA363627, AA373320, H59231, AA166816, AI383616, AI445574, T19196, AW151348, AA064837, D45617, AI557751, U41766, D14665, U41765, A66534, AF069646, AF069647</p>
396	HCQAM69	858949	<p>Preferably excluded from the</p>	<p>AI582192, AI829668, AW022694, AI348001,</p>

		present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1618 of SEQ ID NO:396, b is an integer of 15 to 1632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:396, and where b is greater than or equal to a + 14.	AW073884, AI745128, AI871836, AA976209, AW088315, AW191943, AI431312, AA476876, AA454936, AA708622, AI218146, AI336748, AI189368, AI246200, AI241674, AI969411, AA716347, AA447277, N79335
397	HOSNC15	858958	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 794 of SEQ ID NO:397, b is an integer of 15 to 808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:397, and where b is greater than or equal to a + 14.</p> <p>AA843533, AI692783, AI769103, AI479234, AI348969, AI332623, AI560964, AA406642, AW071704, AA707195, AI431301, AI218736, AI961161, AI989624, AA765123, AI180333, AI500253, AW008413, AI473781, AI281064, AI149261, AI253097, AI912120, AI692780, AI262308, AI266734, AA227960, AA923774, R60069, AI034302, N67562, AI925794, AI352401, AA862001, AI869528, AI221573, H94353, AI565227, C21540, AA249165, C14331, D80166, D59859, D59619, D80210, D80240, AA305409, C14429, D80219, C14389, D80164, D81030, D80212, D51799, D51423, D80253, D80195, C14014, D58283, D80022, D80188, D80391, D59787, D59502, AA514186, D59467, D59275, D80043, D80227, D51060, D57483, D81026, D59610, D80366, D80196, D80024, D59889, C15076, D59927, AA305578, D80269, D80045, D80038, D80193, D80133, D51022, D80248, D50979, D50995, AA514188, D80251, D80241, AW360811, D80378, D80522, AW177440, AW178893, D80439, AW375405, AW377676, D80268, C05695, T03269, C75259, AW179328, AW366296, AW377671, AW360844, AW360817, AW375406, AW378534, D80302, AW179332, AW377672, AW179023, AW178905, AW378532, D80247, AW177501, AW177511, D59373, AW352171, AW352170,</p>

	AW177731, C14407, AW178907, D80134, AW178906, AW178762, AW179019, AW179024, D80132, D58253, D51250, AW177505, AA809122, AW360841, AW179020, AW178775, D80157, AW178909, AW177456, AW179329, D80949, AW178980, AW177733, AW378528, AW369651, AW178908, AW178754, AW179018, AW352158, D51103, AW352117, AW176467, AI557751, AW352174, D51759, AW179004, C14298, AW179012, AW367967, D59695, AW178914, AW378525, D51079, D81111, F13647, T11417, D80064, D59653, AI910186, D58246, AW177728, Z21582, D80168, AW179009, AW178774, AW178911, AW378543, AW177722, AW352163, AW178983, C14227, T48593, AI905856, C06015, AW178781, D59503, AW352120, D45260, C14077, C14344, AW360834, D58101, D59627, AW177723, AW378540, H67866, AI535686, H67854, D80258, D80228, AW367950, C03092, AI525923, AW378533, N66429, D45273, AW177508, AI535850, D51221, AA285331, AI525917, AW178986, D51097, D51213, AW177497, D59474, T03116, AI525920, D59317, D80014, C14973, AW177734, AA514184, D59551, C14957, D60010, AI535961, A62298, A84916, A62300, AR018138, Y17188, AR008278, AB028859, AJ132110, AF058696, A82595, X82626, A30438, X67155, D26022, Y12724, A25909, A67220, D89785, A78862, D34614, AR060385, A94995, AB002449, D88547, AR008443, Y17187, AR008277, AR008281, I50126, I50132, I50128, I50133, A26615, AR052274, AR025207, AR066488, AR016514, AR060138, A45456, X68127, U46128, AR016691, AR016690, Y09669, A43192, A43190, AR038669, AR066490, AR066487, U79457, I14842, I18367, AR054175, D50010, A63261, AB012117, AR008408, AR062872, A70867, A85396, D88507, AR066482, A44171, A85477, D13509, I19525, A64136, A68321, A86792, AR060133, I79511, X93549, AF123263,

398	HHEJQ41	859171	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2414 of SEQ ID NO:398, b is an integer of 15 to 2428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:398, and where b is greater than or equal to a + 14.</p>	<p>AR032065, X72378, AR008382, D20653 AI085594, AI979021, AI888200, AI888205, AW001578, AA411613, AA235006, AL045223, AW444436, AI453775, AA976885, AI554850, AI744678, AI473648, AA432198, AA411193, AA856575, AI240381, N53228, AA902517, AA633556, AA732554, AA398095, N73775, AI280676, W03922, AA693813, D81541, H57533, AI269162, AI050698, AI093710, AA872982, AA233692, AA257980, D81376, AA985398, H72479, T28972, AI378463, AI278448, D61024, D80871, AA356813, H72158, AI572718, AW021225, AA381648, R71379, AA399573, H15501, AI536017, AI291594, AI690015, AA381354, AI805984, AA768658, T79641, AA579383, R31158, AI872714, T80069, AA381995, N66352, T80891, AA236265, T79727, T70314, AA321074, AA295261, AI619790, AA454520, AW388020, AI582180, D87742, L34688, U35730 AW363446, AI768639, AW393582, AW069238, AA151805, AI302102, AI359022, W72706, AA167429, AI832676, AA534996, AA115174, AI829074, AI870640, AI752265, AI829963, AW022975, AA582822, AA191555, N25968, W63569, AW192674, AI769388, AI418471, AA992113, AW188331, AI816897, AA131045, AW088562, AI685393, AI458130, AI434065, W44478, AA311020, AA126150, AA845374, AA166828, AI422242, AW183765, AW009816, AI120940, AI719342, AA130707, AA167430, AA843760, AA948026, AA644539, AA398996, AA558422, AA661630, AI539659, AA927865, AI742544, AA143536, AI820088, AA305513, AI815029, AW102901, AA725804, N25600, AA864619, AA405085, AA503401, AI129577, N33792, AW385446, AI609769, AI685398, H99319, H09563, AA412702, AI245353, AI632835, AW403447, AI359809, AI214594, N29003, AA151703, AI199980,</p>
399	HTXMR51	859352	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2718 of SEQ ID NO:399, b is an integer of 15 to 2732, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:399, and where b is greater than or equal to a + 14.</p>	<p>AW363446, AI768639, AW393582, AW069238, AA151805, AI302102, AI359022, W72706, AA167429, AI832676, AA534996, AA115174, AI829074, AI870640, AI752265, AI829963, AW022975, AA582822, AA191555, N25968, W63569, AW192674, AI769388, AI418471, AA992113, AW188331, AI816897, AA131045, AW088562, AI685393, AI458130, AI434065, W44478, AA311020, AA126150, AA845374, AA166828, AI422242, AW183765, AW009816, AI120940, AI719342, AA130707, AA167430, AA843760, AA948026, AA644539, AA398996, AA558422, AA661630, AI539659, AA927865, AI742544, AA143536, AI820088, AA305513, AI815029, AW102901, AA725804, N25600, AA864619, AA405085, AA503401, AI129577, N33792, AW385446, AI609769, AI685398, H99319, H09563, AA412702, AI245353, AI632835, AW403447, AI359809, AI214594, N29003, AA151703, AI199980,</p>

				R19741, AA578597, W60512, AW275274, AI4233339, N23217, N28799, AI433553, AA399590, T32456, AA113239, AI224550, W43020, AI301295, N69429, C06159, N20135, AI110878, H28875, W42768, H80208, N30029, W43024, N20632, AI041497, N28791, AI023104, AW402233, W77945, AI335353, AA209228, AA305280, AI826788, AW236394, W27707, AA683390, AI342826, W27341, W26189, H96883, H99165, AI752266, AA004530, C06009, AW377536, AA704311, AW021532, AW023135, AA854663, AL121186, AA903459, AA533596, H94852, AA171726, D82543, AW238387, AI274027, N28783, AI866370, W27016, AW265015, N68824, AI559943, R23541, AA311653, AI267623, AA962407, AA526754, C18645, AI267718, D82488, H63616, AI224548, AW136170, AW263407, H12905, W43025, W02651, AA758158, N28767, AI025877, W26304, AI026008, AA004531, AA400249, AA297602, C06105, AA171916, AA857896, C14639, AW244099, AW296975, H11623, AA872095, AA143786, W42769, AA132405, H62867, AA582670, C74987, N37003, N90094, AI283942, AA115891, AI039558, AI022053, AA211911, AW361776, AA442767, T19100, AA913247, N30039, AI023176, AI721077, T28136, AI700275, N26423, AI368394, AA588514, H94909, AI864587, N67089, AI365397, AI299400, N80147, N81159, W28282, F12975, AA429756, R61550, H27750, R61604, C06136, F10573, AI581154, R53662, D61291, N22263, AI687776, AI268504, AW377411, T78753, AA132404, T31614, AA634124, AA732731, T39216, R85616, D54711, R53551, AI523706, N23210, AA737342, AA305887, H06006, AA855148, AA159427, AI956031, W80897, N36598, W38538, AI708463, T34258, D19591, AA568544, AA758826, W26873, T75286, N91049, T33457, D82466, AL008725, AF107406, S83440, D17446, I34403, AC002565, AC007384,

				AC004953, AC006480, AC006006, AC003037, AC005081, AC005537, AP000194, AC005996, AP000313, AC004887, T39564, T49001, T51027, T51119, T52635, T52636, T92662, T96399, T96483, T77694, T77871, R10480, R10524, T85612, R26017, R31416, R31417, R31940, R31986, R39183, R39327, R44291, R45161, R44291, R45161, R68587, H05490, H05956, H12133, H13202, H13569, H13604, H13707, H13759, H39869, H54460, H54549, H62527, H63569, H78832, H82866, H88720, N24185, N34198, N36374, N71957, W03674, W20495, W20251, W32740, W56201, AA054354, AA054436, AA062873, AA070066, AA070835, AA078978, AA084013, AA112169, AA126374, AA130792, AA143537, AA148157, AA191305, AA494535, H62594, H85469, AA662462, AA947138, D82587, N56019, N56389, N83818, N84652, W26834, C04818, C14771, AA130964, AA247790, AA291024, AA412703, AA585266, AA628194, Z19435, AA845243, T25450, T25453, AA860706, AA985151, AI097150, Z28687, Z30133, T27432, F03466, F05953, F05952, F03571, F07189, F07315, F00126, F00213, R10895, R10946, Z20073, AA694564 AA446834, AA428171, H40390, AL040117, W01904, R20700, AA978340, AA910696, AI672174, AA760703, AW172759, AI923817, AA446835
400	HHFCX08	859354	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1348 of SEQ ID NO:400, b is an integer of 15 to 1362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:400, and where b is greater than or equal to a + 14.</p>	
401	HNTEG54	859702	<p>Preferably excluded from the</p>	AA418408, AW237234, N45214, AI081797, AW293817,

402	HNFFZ19	860915	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1389 of SEQ ID NO:401, b is an integer of 15 to 1403, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:401, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2373 of SEQ ID NO:402, b is an integer of 15 to 2387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:402, and where b is greater than or equal to a + 14.</p>	AA927507	<p>H98066, AI346325, AL120815, AI609222, AI340324, AI089431, AI160481, AW362004, AA173948, AI128176, AI346651, AW025079, AA987217, AI146776, AI143181, AW026314, AI203634, AI479977, AI381614, AI276013, AA404263, AW020546, AA778163, AI146782, N51322, AA996322, AI128001, AA009485, W52982, AI342106, AW023446, AA176998, AI829200, AW166929, AA976923, AI088295, AI221676, AW022014, AI961317, AA860986, AA716493, N63327, AI479473, AI377519, AW043623, AI337959, AI346240, AA227142, AI334238, AI871328, N36163, AA937521, AI735157, AI339702, AI023362, AI279584, AW276346, AA573338, AI637574, AA173910, H99800, AI684359, AI131000, AI281359, AA040083, AA451681, N70597, AI091140, AI963613, AA194088, N35688, AI022353, N20212, AA732819, AI146931, AA600333, AA455063, AA174011, T49150, AA173546, AW083530, AA427909, AA775302, AA523857, AA737743, AA424132, AA101472, AA513236, AA983546, W04916, AI273250, AA102703, N25762, AI300889, AA574350, AA235211, AA897562, W52983, AA984957, AA878940, N50731, AI675859, AA047630, AI364087, AI472853, AA643825, W78213, H88411, R50720, AA613549, W95401, AI862791, AF121165, AI244736, AA009899,</p>
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			AA189001, AA748624, AA604006, AI350102, H88352, AI866721, AA083715, AA872082, AA235084, W95450, AA427370, AA177093, AA111980, R69033, AA988263, AA737904, W77786, W72680, AI291399, AA321329, W51846, AI022288, R69160, AA526430, AA625937, AA938583, T63358, R64544, R73395, AA730629, AI709132, AA927680, H03596, AI499906, AA169667, AI476078, R69274, AA370521, AA970421, T40877, AI355234, AA181771, T74190, AI352419, T49149, H03802, AI434893, AA013225, R62859, AI868456, R69032, AA989340, T49169, AI275054, AI343802, AI686041, N66155, AI718261, AI472860, AW168310, AI522134, T98224, AI269841, AI918430, AA843340, AA352637, AW337126, R64529, AI986125, AA625666, T64000, R81483, H89144, AA971864, AW379006, T92828, C18921, AA381567, AA309580, T63609, T49168, AI571495, N98678, AW103915, AA551544, AA872081, W35265, AA629207, T39901, R62810, AA340530, AI922130, AA886252, AI918429, AW025133, AA872235, AI419594, D59247, H21733, AA362235, AA343621, R20736, AW022353, AW151874, AI926159, AA669494, T63458, AA401266, H21934, R31268, R33258, AA299046, T63682, AA872964, D61995, R33259, AA169280, W23587, AW370922, AI214942, W33206, AA189002, C21454, R27858, AA059031, AI784403, R64545, AA047574, AI092088, AW085886, T98223, T64111, W37270, R64530, R85757, U77396, AF010312, AC002352, AC006538, AC007021, AC004143, AC004024, AL033527, AC004966, AC005332, AC004491, AP000952, AC006262, T64031, T64078, T92749, R31874, N67272, W70316, AI094890, W19386, AA094519, AA437404, AI051527, D20502, AI291627, AI348372
403	HCDEA29	861209	Preferably excluded from the present invention are one or more polynucleotides comprising a

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4048 of SEQ ID NO:403, b is an integer of 15 to 4062, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:403, and where b is greater than or equal to a + 14.</p>	AA393803, H15868, AW081949, AW069235, AI753546, AI679040, AI469093, AI754760, AW239269, AA678550, W58265, AI348137, AI141432, AI750956, AI270477, AI753984, AI752931, AA081393, AW272507, AI890627, AW152185, AA142985, AI679765, AA600345, AI683662, AA599911, AI955804, W72891, AI683274, AW022057, AI554502, AI368694, W78174, AA723207, AW069330, AI750957, AI911862, AA147548, AJ243226, AA994259, AI445315, AA663291, D59314, AI918010, AI923317, W92396, AI825356, AW083677, AA150915, AW275175, AI584114, AA679767, AA678400, W76096, AI002980, AA478481, AI753210, AI753172, AI754137, AA328665, AI635318, AI016709, AA705988, D62627, AA332855, AI539100, H93952, N64047, AA659665, H79672, T91649, AA852182, AI346933, AI142490, D79766, AA614734, AW371066, AA853145, AW376196, AA361568, N90566, W92395, AA373866, AI926391, W20207, AI382388, AA375057, AW438987, N93406, AA357630, AW022533, T95571, T93254, R09121, AA852181, AA333641, T95570, AA333626, AW276393, W21448, AI003181, N67161, AI567192, AW070658, W05687, AA853144, AI061096, AI364425, H93951, AW019988, AW023072, R09120, AA541569, H79673, AI439452, AI812015, AI866127, AI570807, AW004886, AW149925, AW151786, AW131282, AA470491, AI269205, AL119863, AI583065, AI687168, AI802240, AI365256, AI288050, AI333638, AI524671, AI927233, AI439762, AI590227, AI611743, AI537677, AW089226, AI621341, AI802654, AI624693, AI284035, AI564719, AL110306, AL119791, AI433157, AI702073, AI929108, AW089405, AI961589, AI538259, AI630928, AW089275, AW132056, AI590830, AI587156, AI285826, AI270183, AI590134, AI554485, AI469505, AW080992,
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	AI866457, AI609360, AI934035, AW090550, AI963846, AL048656, AA514684, AW083750, AI249946, AL041150, AI815232, AI591420, AI573060, AI932949, AI801766, AA835801, AA743012, AI570861, AI611738, AW151136, AI560171, AI683348, AI811373, AI610402, AI950877, AW051088, AI868204, AI890507, AI636456, AI475371, AI868931, AW020095, AL043975, AW172745, AL045500, AW087445, AI923989, AI500061, AI696398, AI470477, AI345745, AW160916, AL037454, AI499621, AW163834, AI860496, AI499131, AW118496, AI362580, AI679266, AI862139, AW081866, AI698391, AA911767, AI625464, AI612852, AI537617, AI799183, AI866770, AL042382, AI619502, AI619737, AI457369, AL046944, AI523964, AW088903, AL079963, AW172607, AI677796, AA848053, AI537074, AI932503, AI474146, U73778, AL096771, X61024, J05137, D00824, U25652, U57362, U57361, S48373, U57095, S48374, S48383, AL050138, I30339, I30334, I89947, AF090901, AF182215, AL117435, E05822, I48978, AL137459, AF177401, Y11587, E04233, AL050116, AF118064, AL049464, AL137539, Y16645, AL133640, AL137429, AF028823, I33392, AL050149, A93350, AF175903, AL049283, AF069506, A08916, I48979, A08910, AL110280, X82434, A08909, U72620, AL133080, AJ005690, Y14314, AL137461, AF026816, A08913, S68736, A12297, AL080159, AF087943, AF090900, AL137533, A45787, AL122123, AF078844, AF097996, Z13966, AF111849, AF090903, D83032, AR011880, AL050277, AF113690, Y10823, AL117457, U42766, I89931, A65341, X70685, Z37987, AL137300, AL117460, AL110221, AF158248, X06146, I49625, AF111851, AL133606, AJ000937, AL049430, AL137480, AF113691, AR038854,

404	HCVB135	861534	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 847 of SEQ ID NO:404, b is an integer of 15 to 861, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:404, and where b is greater than or equal to a + 14.</p>	<p>AL122110, AL050024, A77033, A77035, AJ242859, AF183393, AL137521, AL133568, U80742, AL137267, AB016226, I03321, U53505, AL137550, AF039138, X63574, S78214, AL137479, AF113019, AL122050, AL137271, Y09972, AF039137, AF113013, X98834, AF111112, AL049452, AL080127, AL133016, AL133560, AF113677, AL110196, U87620, AF146568, U35846, AF090934, AF090886, AL050108, AL117394, AL122093, AF106657, U72621, AL133113, AF061943, E01573, E02319, AL133557, AF113694, AR013797, A08908, AL049466, S83440, AF017152, A08912, I32738, AL096751, AL122121, AF057300, AF057299, AF104032, X53587, AL080124, AL137294, AL049314, E02349, AL137523, E07108, AL122045, AF185576, AL137557</p> <p>AA305455, AW015301, N28365, AA593514, AA569620, R18925, AA582378, D80522, D58283, D80253, D80366, D80133, D80043, D80251, C14389, D80391, D59787, D57483, D80196, D51022, D50995, D51060, D81026, D80248, D80045, D59467, D59859, D59275, D51423, D80022, C14331, D80166, D80195, D59502, D59619, D80210, D51799, D80164, D80240, D80227, D59927, AA305409, D81030, D80024, D59889, AW360811, D80269, D80212, D80188, D80247, D59610, D50979, D80219, C15076, D80038, AA305578, AW377671, C14014, D80193, D80268, AA514186, AA514188, D80378, D80439, D80241, T11417, AW177440, D80302, C14429, AW178893, AW178983, C06015, AW375405, T03269, D59373, AW177731, C75259, AW178906, AW366296, AW179328, AW360844, AW360817, D51103, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D80014, D80157, F13647, AW378532, AW360834, AW177501, AW177511, D51759, AW352170, D58253, C05695, AW352171, AW377676, AW177505, AW179024, D59653, AW178907, AW378528, AW178762, AW179019,</p>
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AW367967, D80132, AW176467, D51250, D80134, AW360841, AW179020, AW178775, AW178909, T48593, D45260, AW177456, AW179329, AW178980, AW369651, AW178914, AW177733, AW178908, AW178754, AW179018, AW352158, C14227, AW352117, AW178774, AW352120, AW179004, D51079, D80258, AW179012, AA809122, AW378525, AW352163, D81111, H67854, C03092, D58101, AW378543, D59503, H67866, AW177728, AW179009, D80064, AW178911, AW352174, AW367950, AW177722, C14973, AW378540, AI910186, D58246, AA514184, AI525923, AW178781, AI905856, AW177734, T03116, AI525917, D59317, C14407, AW178986, C14344, AW378533, D45273, C14957, D51221, D59474, D60010, AI557774, AI525235, AI525920, D59627, AI535850, AW177723, AI535686, D59551, AI525227, D51213, T03048, D60214, C14046, AI525228, C14298, AW378539, AI557751, D80168, AI525242, AI525222, AI525912, AW179011, AA285331, AI525925, Z33452, AI525215, C16955, T02974, AW378542, C05763, D51097, Z21582, AW360855, AI525237, H67858, C04682, D51231, D52291, T02868, D51053, D59695, AJ132110, AB028859, AR018138, AR008278, A62300, A62298, A84916, AF058696, A82595, AR060385, AB002449, X67155, Y17188, A94995, D26022, Y12724, A25909, A67220, D89785, A78862, D34614, AR008443, I50126, I50132, I50128, I50133, D88547, AR066488, AR016514, AR060138, A45456, A26615, AR052274, X82626, AR054175, Y09669, A43192, A43190, AR038669, AR066487, I14842, A30438, Y17187, AR025207, AR008277, AR008281, X68127, A63261, D50010, AR066490, X64588, AR062872, A70867, I82448, I18367, AR016691, AR016690, U46128, AR008408, I79511, A64136, A68321, D13509, AR060133, AB012117, X72378, AF123263, AR032065, U79457, Z82022, AR008382				
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405	HEBGA63	861697	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1016 of SEQ ID NO:405, b is an integer of 15 to 1030, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:405, and where b is greater than or equal to a + 14.</p>	<p>AI080468, AA418647, AW161389, AI811956, AA573763, AA878936, AI911674, AA314980, AA670106, AA236821, AW391361, AW382143, AI151265, AW191948, AA789208, AA687793, AA598814, AA334072, AA775852, AA307422, AI358482, W39512, AA211876, AA774980, W16806, AA610596, AA410349, AI055879, AW162057, C05917, AI815919, AI928921, W39158, AI253295, AA774763, W24716, AA873217, AA253317, AA236781, D82214, AI038950, N93063, AA984706, AA418548, AI268085, AA262342, AA854900, F00834, W05730, AI678756, AA815410, AI928249, AA579924, AA910210, AA406409, AA834206, AA878938, AA317968, AW298758, AA683038, R11913, AI813763, AW024904, AA341594, AI131512, AI150646, AI124762, AA319872, AA989397, AA933884, AA555524, W52885, AI929174, AW382150, W80819, AI302520, AA209282, AA906792, F01195, T99166, AA988035, AA602376, AA576237, AA362873, AA872148, AW392356, N90236, AW392318, AI222938, R42924, H07003, AW271516, AI949964, AA158397, AA747874, AA004976, AI948692, N74886, W60093, AW392089, AA113297, H05454, AA004863, W15220, AA324556, AI271996, AA158514, AI272005, AI985478, AI469035, AI761937, AW374324, AI823614, F03425, AI766959, X03747, U16799, X03883, X04635, M38313, X03937, AF204927, X05297, J02701, M14137, X17162, X16646, M25159, M25160, X61433, M25161, X17161, AF034480, X63375</p>
406	HFACH10	861826	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2414 of SEQ ID NO:406, b is an integer of</p>	<p>AA058863, AI681932, AI433708, AI701156, AA744756, AI765543, AA748766, AA573886, W74619, AA446934, C05807, AA807534, N34842, AA447856, H10332, AA576797, AI401071, AA059327, AI249003, N80477, AW028793, AI291540, AW005248, AW022291, AI345989, N62688, AA128903, AA040014, AI475548, AA443357, AA314184, AW016942, W19934, N68510,</p>

			15 to 2428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:406, and where b is greater than or equal to a + 14.	N63631, N80462, AI222850, AA761854, AA670372, N55352, AI333296, R69485, AI168591, AI333297, AA568155, AI989358, AI346776, AA134835, AA464610, AA501941, H99168, H90437, AI262312, AI769724, H10333, AI348289, AI299376, R83327, W00825, W94195, W01972, H52396, AI201740, AA112365, R24954, AW131097, AI275051, H90386, AA219261, AA620503, AA219337, AA598718, AI937826, AA018112, AI695367, AI671097, AW183475, N27057, N69539, AA086194, AA063281, AA719017, AI208725, T16450, R35684, H52395, N43917, AI198900, AI271916, AW162284, AW242381, R83424, AI951002, AA112364, H86605, F13382, AA988348, AA766496, N77359, AA653119, AI590732, H86524, R34527, AI002326, T77193, Z38631, AW401758, AA257964, T33721, N34801, R42813, T17317, AA018111, F02106, AI879795, F10973, T16747, AI214496, AI253777, R49037, AA301894, R45217, AI674372, AA601562, AA351220, AA769079, W21605, AA063266, F01935, AW264208, R70378, F05027, N79085, Z42425, F05675, AA628039, D31586, AI445203, AW272928, D79284, AW023691, AC002323, Z81330, AF052138, AC002105
407	HETCM67	861909	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2033 of SEQ ID NO:407, b is an integer of 15 to 2047, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:407, and where b is greater than or equal to a + 14.	AI927716, AA479710, AI624420, AI696897, AI470208, N64824, AW298323, AI921914, AA280392, AA648830, AI866003, AA805155, AI624552, AI393447, AW364516, AI364737, N75676, AJ242015, AF137334, AJ242014, AF137335, A61275, A61276
408	HCRNF78	862197	Preferably excluded from the	AI082249, AI917738, AI765311, AI569854, R60843,

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 878 of SEQ ID NO:408, b is an integer of 15 to 892, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:408, and where b is greater than or equal to a + 14.	AI079350, AW015424, R34737, AA127263, AI860770, AI094178, AA580273, AI886702, AI886517, T80049, AA127262, AA377155, AI024477, AI744759, AL119324, AW372827, AW392670, AL119457, AW363220, AL119399, AL134920, AW384394, AL119363, AL119391, AL042975, AL119483, AL119319, U46341, AL119497, AL119355, Z99396, AL119341, AL119484, AL119396, AL119443, AL134902, AL042614, AL119335, AL119522, AL042544, U46349, U46346, U46351, AL042965, AL042433, AL119496, AL047163, AL079683, AL119464, AL042973, U46350, U46347, AL042898, AL119444, AL134536, AL043011, AL042984, AL042450, AL037205, AL119401, AL119439, AL119418, AL042978, AL042542, AL042980, AL042896, AL042970, AL119488, AL043029, U46345, AL134527, AI142139, AL043019, AL119304, AL042551, AL042428, AL043033, AL043003, AL119320, AL043039, AL043037, AL043008, AL042850, AL133095, AR066494, AR060234, A81671, AR054110, AB026436, AR069079
409	HRACX96	862232	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 682 of SEQ ID NO:409, b is an integer of 15 to 696, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:409, and where b is greater than or equal to a + 14.	H89053, AA324208, AW205793, AW021628, AP000967, AF200465
410	HTLAK94	862237	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI539386, AI190303, AI219986, AA868538, AI345954, AA988977, AI309975, AI338679, AI200426, AI720044, AI827995, AI807471,

<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1871 of SEQ ID NO:410, b is an integer of 15 to 1885, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:410, and where b is greater than or equal to a + 14.</p>	<p>AA932930, AI829710, AW268605, AI202768, AI148589, AI808710, N37092, W74439, AI436105, AI332422, AI222787, AA865258, AI091541, AI830140, AI476645, AA436117, AI393567, AI742423, AI991280, AA976254, AI040961, AI911731, AI204236, AI807161, AI798704, AI091532, AW001083, AA883578, AI536845, AI684261, AA906270, AI286196, AW084515, AA884285, AW195890, AI203679, AA884231, AA435561, AA843421, AA393148, AI142135, AA776717, AA740667, AI149711, AA917965, AA758038, AA923373, AI936554, AI167652, AA994527, AI083755, AW043785, AI291760, AW269733, AW304042, AI243370, AA456074, AW391262, AI694334, AI027967, AI243219, AI167246, AA910051, AI031908, AA846787, AI200425, AA757222, AA77492, AI311479, AA758549, AI833323, AI091504, W58740, AI688130, AA725406, AI935008, AI025986, AI318065, AA972041, AA962659, AI829757, AA897637, N29346, AA748637, N40362, AA996162, AI150116, AI799122, AW166483, AA971938, AI083851, AI679583, AI243421, AW188625, AA884703, AI347903, AI241349, AI024835, AI807973, AW183835, AI025228, AI798180, AI858097, AI276559, W79084, AA875917, AA410432, AI493367, AA905015, AA505880, AW371415, AA904368, N39659, AI743644, AA305510, AA938552, AI284271, AI377383, AI911350, AI187351, R23891, N27547, N26589, AW082764, AA954722, AI214377, N46406, AA843427, W00472, AA412317, AA954270, AA455577, AI971480, AA305179, AW085014, AI689289, AA740333, R65987, AI220007, AI216245, AA815444, AA099550, R76814, R65986, AA835882, AA969436, AA393638, R83423, AA861386, AI198119, AI168675, AA815351, AI698618, AA977877, AI762065, H72396, R71169,</p>
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411	HCQCV31	862277	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 570 of SEQ ID NO:411, b is an integer of 15 to 584, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:411, and where b is greater than or equal to a + 14.</p> <p>AA496007, AI871350, AA884932, AI935117, AI553798, AI955245, AA047742, AA424136, AI004223, AA507058, AA024473, AA232815, AI658551, AA931722, AA687866, AA233869, W47004, AI869173, AI802357, AW051013, AI675833, Z40855, AA047692, AI826548, AA863179, D44674, R34564, AI659726, H40502, AI363813, W47023, AW050996, AI040816, AA024472, AA779707, AA225080, T49964, AI333187, AA715876, AI536135, AC006077, AC004051, AC005003, M85145</p>

412	HTJMG70	862285	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1398 of SEQ ID NO:412, b is an integer of 15 to 1412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:412, and where b is greater than or equal to a + 14.</p>	<p>W81119, AW361705, AI023171, AA535154, AW157219, AI921982, AA515031, AW069552, AI311724, AI857692, AI862158, AI289893, AI079531, AA235169, AI051186, AW135105, W78767, N64363, N92160, H27964, AA554699, W24363, AI358378, AA827945, AW151259, AA778925, N48967, AA935704, N98752, AI087228, AI289894, H27965, AA234898, H25648, N48871, H16658, AW264713, AA554060, AA761787, AA256622, W30963, AA748881, H16515, Z42632, AA642946, Z24944, N45683, AI468784, R62650, T05232, C18517, AI382379, H90088, Z38800, N99389, N45623, R62602, AA634880, R36126, R36398, AA256515, H98998, AI474159, H89998, AW273277, AW163223, T07753, N71434, N93642, N98751, AA091881, AI557258, AI557082, AI541321, T18597, AI541205, AI525500, AI557533, AI525556, AI535660, AF111168, A622298, AR050070</p>
413	HSNAT52	862423	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 350 of SEQ ID NO:413, b is an integer of 15 to 364, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:413, and where b is greater than or equal to a + 14.</p>	<p>AA506281, AL044326, AI624181, AA598748, AI278429, AI651080, AW236530, AI206105, AA593024, AA393540, AI002760, AI207152, AA653491, AI299472, AW020592, AW020397, AW020931, AI525653, AW020634, AW019988, AI343030, AI340510, AI334889, AW023863, AW020328, AI557808, AW021178, AW020425, AI336565, AW022826, AW022308, AW022299, AI312264, AW021717, AW020406, AI349805, AW020710, AW023351, AI783838, AW022981, AW020403, AW021693, AI274731, AI559782, AI557238, AW022593, AW021182, AI310920, AI313352, AI307503, AW020480, AI557104, AI525669, AI313320, AI336585, AI334913, AI349266, AI334452, AI349787, AI310951, AI344938, AI340634, AI312146, AI340537, AI312339, AI309431, AI312165, AI345238, AI349288, AI349628, AI340610, AI307459, AI343140, AI349971, AI348879, AI307507.</p>

414	HHFCZ67	862456	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1319 of SEQ ID NO:414, b is an integer of 15 to 1333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:414, and where b is greater than or equal to a + 14.</p>	<p>AI340639, AI307538, AI311604, AI343995, AW023469, AI349220, AI340613, AI307456, AI348897, AI311440, AW020876, AI312333, AI312398, AI310945, AI312431, AI312414, AW022168, AI349952, AW023955, AI311472, AW023884, AW020629, AW022760, AI349269, AW021059, AW021466, AW021561, AA814582, AA189092, AL047042, AI349246, AW019985, AI541027, AW023617, AW021066, AW021909, AW195116, AB002359, AB031064, A59344, U49908, S56212, X73361, AL133016, M79462, X96540, AL137267, X60769</p>
415	HHFIA95	862486	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3132 of SEQ ID NO:415, b is an integer of 15 to 3146, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:415, and where b is greater than or equal to a + 14.</p>	<p>Z43633, F08755, T58116, R18988, AA348184, AA101651, AA626439, AA283169, H69209, AI079568, T36154, AI762375, AA459747, AW084483, H75695, H52299, H51818, AA455530, AA410814, AI768686, AI925862, AI859633, AW074071, AL050217</p> <p>AI761722, AA903124, AL134516, AI831473, AA604081, AA603455, AI694366, W80392, AI817117, AW168295, AI935246, AA887227, AA211611, AI076013, AW263745, AA211683, AI281897, AI827407, AI244255, AW086067, AI660036, AA044091, AA917034, AI637588, AI559254, AA393852, AI190898, AI808102, R60765, W78970, AI040177, N22921, AI242430, AI122753, AA604102, W56449, Z33451, AA547998, AW242400, AA044281, AI188686, AI338330, AA765282, AI338329, AA159042, H18545, AA393851, AI973242, R60253, N63356, AA569460, F06764, AA541308, AA936280,</p>

416	HMSOR85	862709	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 580 of SEQ ID NO:416, b is an integer of 15 to 594, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:416, and where b is greater than or equal to a + 14.</p>	AA995784, AA031985, AA993733, R67234, AW136432, Z39821, AA173320, H51502, AA173319, AW316605, H02648, Z26973, R81685, AI244925, AI016876, H18437, AW265135, T54070, AI541355, AA565781, AW023057, R74303, AA856745, T34301, R28236, H74149, R38158, AI332886, Z42782, AW242417, R34113, AA731347, H51503, R38121, F05473, D57866, AA031984, R27980, R81686, R38063, R38035, AA300862, AI804174, AW050651, AI499327, AA894455, Z38926, AW151345, F01732, AA248693, AI364416, AW119129, AA342961, AW402975, AA708733, AA830423, AB002533, U93240, Y12393, AF020771, D17139, AL022152, AL109623, AC000100, AC004945, AC004129, AF001172, AC005392, AL034551, AC005783, AC003001, AL031054, AC005818 AA227536, AW134806, D62997, AA460722, AA401898, AA233391, AW172757, AI268277, AW203958, AI023110, AI271519, H02043, AA227890, AI083534, AA994213, AA451869, AA911642, AW169513, R11169, T95434, R81939, H01961, AA252253, AI925157, AI440213, R39952, AA224370, R81940, AI160601, AW079566, AF131846
417	HBJJU68	863865	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 548 of SEQ ID NO:417, b is an integer of 15 to 562, where both a and b correspond to the positions of</p>	AA115295, AA426325, AI983849, AA873315, W84510, W84522, AA873307, AI355170, AW303776, AA969227, AA780019, AA599312, AA534678, AI338244, AI926527, AI460358, R88096, AW069314, AA894546, AI127202, AW020877, AI926969, N33197, AA625435, AA115270, AW021988, AW083323, AA427844, AI357402, AA429402, AW073382, AA367342, AL049024, AA493560, R88205, AI571515, AI142383, AI628677, AA426326, AA992123, H71599, AA954743,

418	HDPBN09	863944	nucleotide residues shown in SEQ ID NO:417, and where b is greater than or equal to a + 14.	<p>AW117398, AI214877, AI9111337, AA2333622, AA864950, AW275286, AA213392, AA425133, AI475634, N24819, T94173, AI419516, AI701411, N42400, AI147373, AI287696, AA622262, AA505746, AI350967, AI083596, W74274, N63079, N33426, AI832767, H71470, W44645, T94091, N52803, AI184310, AA195578, AA233420, AI005421, AA029095, AW014339, AA908660, W79889, AI350791, AI368443, AI954381, AI473104, AI275186, AW241382, AA515528, AA194897, AA782901, AW069414, AA426011, AA485787, AA299914, AI305169, AL117489, S82009, S82008, M63599, AC004913</p> <p>AA186686, AI983378, AW073370, AI571754, AI949363, AW297852, AA866117, AA837398, AI087053, AA527147, AA134227, AI214230, AA134226, AI219901, AA740489, AI766718, AI083795, AI471975, AA186685, AW249810, AI889098, AA969313, AA661756, AA908358, AA326181, AA622860, R72195, AI955869, AI815177, F34949, AA350806, AI697087, AW009686, AI738560, AW248074, AA586777, H96214, AA301762, F19158, AA350807, W21593, N89670, AW183231, AA346389, C00663</p>
419	HFNAC49	864428	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1398 of SEQ ID NO:418, b is an integer of 15 to 1412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:418, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1925 of SEQ ID NO:419, b is an integer of 15 to 1939, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:419, and where b is greater than</p>	<p>AA992583, AI417032, AW196768, AA527116, AI416996, AA994849, AI097395, AA315508, AA263045, AI912268, N36881, AA460609, AA837748, AI375674, AI052203, AI383778, N66508, AI368949, AW291674, AA689425, AI912651, W39520, AI753186, AA336608, AI290160, H13540, R66265, N56046, R66729, N46151, AI250865, AA706445, W16926, AC007899, AF167460, U50633, AR030750, M35663, I66342</p>

420	HHETS46	864808	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 562 of SEQ ID NO:420, b is an integer of 15 to 576, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:420, and where b is greater than or equal to $a + 14$.</p>	<p>AI264637, AW440517, AI289816, AA308065, AI087224, AI333981, F22528, AI087291, AI042559, N32838, AA101212, AA513003, AA127626, AA716353, AA121528, AI208270, W39584, AI024761, AI805206, W44935, AA448463, AI685445, AA677140, AA045311, AI094396, AA932240, AA062780, AA973273, AA112905, AA062735, AI911056, AA082078, AI347381, AA045417, AI832874, AI086794, AA431571, T96692, AI890885, AA894627, AA304050, AI248836, AA327793, AA302176, AA302332, AI350909, T96809, AI283682, AI695634, N42284, AA074777, AI097092, AA704961, AA704993, T97458, R09226, T97730, T97914, AA203274, AA083929, AA331180, AA593102, AI540890, AI541321, AI557426, AI541056, AI557602, AI541027, AI541279, AI535813</p>
421	HHATS67	864822	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 937 of SEQ ID NO:421, b is an integer of 15 to 951, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:421, and where b is greater than or equal to $a + 14$.</p>	<p>AI078121, T61964, AL079622</p>
422	HLHTL45	865044	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 659 of SEQ ID NO:422, b is an integer of</p>	<p>AA810700, AI459372, AW204494, AI167739, AI308750, AW079517, AI304463, AI348049, AA781353, AA740190, AI245908, AA448390, AA194605, AI073753, AI245270, AI160024, AI346019, AI240109, AA579960, AI146972, AA804861, AI244610, AI018032, AI924255, AA782917, AI198405, AA150413, AI498033, W84699,</p>

423	HHEJZ45	865420	<p>15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:422, and where b is greater than or equal to a + 14.</p>	AA150136, AI088909, AW195727, AI350465, AW207349, AA773774, AA908581, AW182756, AI023582, AI698603, AA772649, AA740373, AI245510, AI004632, AI198724, AI566264, AA477201, AA291758, AA477036, AA768998, AA781769, F34275, AA479797, H69491, AW074444, AA48387, AA026249
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2059 of SEQ ID NO:423, b is an integer of 15 to 2073, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:423, and where b is greater than or equal to a + 14.</p>	AA877614, AA628899, AA423875, AW291028, AI149868, AA209244, AI802203, AW087182, AI199494, AI218592, AA423837, AW004725, AI042456, H15124, AI916084, N74995, AA807339, AI739439, AA994646, T90789, AI570646, AI563977, AA504557, AI671879, AI276433, AA845650, AI659007, AI953416, AA758717, AI699947, AW374652, AW235833, AI401836, AI351215, AI440396, AI923989, AI433157, AI554821, AW151136, AI539771, AI537677, AI500659, AI815232, AI801325, AI500523, AI582932, AI284517, AI500706, AI491776, AI445237, AW151138, AI889189, AI521560, AI500662, AI284509, AI889168, AI866573, AI633493, AI434256, AI805769, AI888661, AI284513, AI888118, AI440252, AI633125, AI927233, AI889147, AL047611, AI866472, AI670009, AL045500, AW172745, AI702073, AI500061, AI494201, AI866510, AI637584, AI433976, AI471909, AI289791, AI815239, AI687362, AL042377, AI872300, AI929108, AI436429, AI275175, AW090071, AI499463, AI801286, AI915291, AI887308, AI610362, AI866770, AI285417, AI440239, AI698391, AI521594, AW163834, AI537273, AW198090, AI371228, AI436456, AI963846, AI567940, AW087445, AI817244, AI345587, AL110306, AI610557, AI612913, AI285826, AI863014, AI499512, AI889133, AL042787, AI610402, AI283760,

AI434223, AI610429, AL039086, AI539632, AI889148, AI539847, AI274759, AL042538, AL042551, AI446536, AW148363, AI567935, AI805762, AI432656, AI049851, AW073865, AI612852, AI580435, AW190194, AI270183, AW172723, AI249946, AL048323, AI866608, AI872423, AI432666, AI620284, AA928539, AI826636, AI567993, AI859991, AL047422, AI538885, AI866465, AL036780, AW268302, AI434242, AI866691, AI433968, AI371251, AL040844, AI345415, AI890223, AI537191, AI863241, AI796743, AI440263, AI561170, AI242736, AI866469, AL041862, AL042365, AI432644, AW083804, AI804505, AI866786, AI690946, AI860003, AI354998, AI678496, AI887499, AI677796, AI343030, AI538850, AW130776, AI887775, AI288285, AI590043, AI653979, AI926593, AI587114, AI582912, AI539800, AI932794, AI866457, AL119836, AI445992, AI500714, AW301505, AI340519, AI912356, AI285439, AL042745, AI623736, AI355779, AI581033, AI431307, AI491710, AI249877, AI440238, AW169671, AI567971, AI431316, AW192652, AI699056, AI539260, AI828574, AA259207, AI434468, AI654276, AW151979, AI612885, AA420758, AI539781, AL048340, AW152182, AI539707, AI702065, AI564719, AA420722, AW118518, AI885949, AI768496, AI285419, AI559957, AW089557, AW131331, AI521571, AI469775, AI890214, AI866581, AI349772, AL042557, AI797908, AI648567, AL048312, AI864836, AW074057, AI815150, AI567953, AI446495, AC004812, I48978, I89947, AF113677, A77033, A77035, AF113699, AF090901, I48979, A08913, AF182215, I66342, AL110196, A08910, A08909, AF087943, AF079763,				
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	AL049382, AF090900, A07647, AC007458, S61953, AL122049, AJ012755, AF017437, AL137550, M92439, U35846, X72889, I89931, AL122121, I49625, AF113019, AF090903, A08916, U30290, AL117435, AL050277, I03321, AL133072, Z82022, AL050393, AL137480, X62773, AF104032, Y16645, AL080159, AL133075, AF146568, AF090896, S78214, AL137283, AL049938, Y11254, AL050149, AF125948, X82434, AJ000937, AL137271, AF183393, AL137658, AL133560, AL122110, A65341, AL133080, AL133070, AR059958, AF026124, E07361, A58524, A58523, AF026816, AF091084, AF004162, AF067728, AL110221, AL133113, AF032666, AF067790, AL137560, AL137459, AL049452, AL137533, AF177401, U80742, AL137488, A03736, AF106862, AF131773, AL049283, AL117460, AL133557, AF090886, AL096744, AF158248, AL110280, E12747, I68732, AL133640, S63521, L40363, E02349, AF176651, AL122098, AF185614, Y14314, AL133016, X99971, AL133565, AL133049, AF113694, AL133084, AL049300, AL137557, AL050024, AL049430, AL117585, A93350, AC002471, AL050116, AL133077, AC005374, AL122123, U92992, AR000496, U39656, X70685, AL049466, AL133067, AJ238278, AR053103, AL117457, X65873, AF115410, E05822, Y11587, I33392, X84990, S68736, AF180525, AR068466, X63574, AL117583, AL080124, AF090934, AF118094, AL050138, AL133619, AF019298, E15569, AR038854, AL137463, AF119337, I09360, AF097996, X06146, I42402, L31396, AL050108, AL122093, AL096751, AF079765, AL137521, L31397, I08319, AR011880, I35495, AF113691, AF113690, E03348, AF113689, AF200464, AL080074, AF113676, U42766, A18777, U00763, AL137712, AL117626, AF120268, I17767, X52128, E01187, AF108357, AL110228, AF106657, AL137548, AF061943, U49908, AF035161, AF002985,

424	HNAAF81	865421	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2595 of SEQ ID NO:424, b is an integer of 15 to 2609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:424, and where b is greater than or equal to a + 14.</p>	<p>AL136884, AL137429, L13297, AF126247, AF118070, U92068, AF132676, AF061836, AL137538, AF017152, AF185576, AR034821, AF057300, AF057299, AF113013, AF078844, AF076464, AL049464, AR009628, AF111851, I26207, X89102, AR038969, X93495, X96540, AF111112, AB019565, AL080060, AR013797, AF161699, AF090943, AF118064, AL133093, U67958, AL122050, AL049423, AL049314, AF141289, AL137648, AJ242859, AL080127, E07108, AF125949, AL122111, AL050146, AL080137, AL117394, AL137527, AL133606, D16301, X98834, U72620, A93016, AF100931, X60786, X83544</p> <p>AA131472, AI741118, AI754213, AI143267, AW182304, AA746017, AI984675, AI001157, AA702327, AW129625, AI084582, AI275034, AA193297, AA328810, AI027611, AI151227, AW407686, AI431663, AI224859, AI910890, AI436774, AA195648, N95606, N69470, AI081581, AI338503, AA135941, AA195647, AI24020, AA323696, AI185201, AI033555, W27152, AA524496, AA055891, AA307138, AA148219, AI085028, AW162502, AA115512, AA285045, AI420987, AI810859, AA001867, AI479676, N79245, AI498247, N90962, AI041867, AI274857, N30668, AA470477, AI245586, AW160632, AA862812, AI004976, AA827925, AW340620, AA282822, AA553813, AI985443, AA669010, AA147218, AA676390, D19675, AI524393, T34039, AA136257, R46125, AA912075, AA354027, AI829295, R40774, T35299, AW294232, Z40261, AI184426, F17833, AA070812, T32719, R14450, AA662529, AI611263, AI174660, AA552130, AI693004, AW082821, AI918275, R85087, AA389754, T15443, N59872, AW196058, AI824556, AA320867, AI889255, AI453266, AA742955, AI889517, AI635612, AW292521, AI497733, AI802542, AI612913, AW293664, AI492540, AI538716,</p>
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	AL036361, AI866780, AL036146, AI636456, AI537303, AL041772, AI963846, AA738104, AI564719, AL045500, AI433157, AI349004, AW150578, AI620284, AA225339, AL119791, AA640779, AI625079, AI475371, AI440426, AI432969, AI282903, AL036274, AI281773, AW026882, AI440239, AL040169, AL134259, AI493248, AL040827, AL079963, AL121014, AI567360, AW071417, AL036901, AW162071, AI349645, AW238730, AI312428, AW268251, AL038605, AI580190, AI340519, AI702406, AI436456, AI537677, AI445432, AL040243, AI285735, AI340582, AW103371, AI521012, AI635461, AW071349, AI671679, AA470491, AI469532, AI620868, AI439745, AI619502, AI687728, AL036802, AA508692, AW198090, AL038779, AL036396, AL119863, AI697137, AL039086, AI340603, AI818683, AI499393, AI699865, AW148320, AI800453, AI800433, AI500077, AI269205, AI610307, AI702433, AL036759, AW169653, AW161579, AI349772, AI536685, AW074993, AI567351, AI349614, AI868831, AI343112, AW089572, AI498579, AI433976, AW268253, AI815855, AI312152, AI345735, AI349937, AI934035, AA613907, AI348897, AA572758, AI269862, AI597918, AW068845, AI682743, AW129106, AI349933, AI524671, AI866608, AI133489, AI673297, AI613017, AL121365, AL039132, AW302965, AA528822, AL047763, AI281762, AI554245, AI590128, AI250293, AI784252, AW268768, AI631107, AI633419, AI934011, AI866002, AI828731, AI874109, AI920968, AW302988, AI811168, AI824746, AI539771, AW268220, AW104724, AI696398, AL036980, AI500061, AI922901, AI273142, AI687375, I48979, AL133640,

	AL137459, AF090903, I89947, AR011880, AL049452, AF104032, AL117460, Y11254, AF090901, AF118070, AF113694, AF090900, AF090934, AL133560, AL117457, A08916, Y11587, I48978, AL049314, AL050116, AL050146, AL137527, AL050393, S78214, AB019565, AL122050, AL133557, AF125949, AF106862, AL110221, Y16645, AL050149, I89931, L31396, A08913, L31397, AF113690, AF113013, AF078844, AF090943, AL133075, S68736, AF113691, AL133606, AL049938, AL133080, AL133016, AF090896, U42766, AF177401, AL049466, AF113677, AL050277, AL050024, I49625, AF113019, AF118064, AL110196, AF113699, AJ242859, AL080060, AF113689, AR059958, AL137550, A93016, AL049430, X84990, AL050108, AL117435, AL122093, AL133093, X63574, AL122121, AL137557, AJ238278, AF017152, AL096744, AF113676, AL050138, AL049382, E03348, AF125948, AL080137, AL133565, E02349, AL117583, X82434, AL117585, AL080124, AL137463, AF091084, AF146568, I33392, AL117394, AF097996, A65341, AL122123, AF017437, AJ000937, AF111851, AL110225, AF079765, A08910, AL049464, AF158248, E07361, AF183393, AL133113, AL137283, A58524, A58523, AF118094, AL122110, AL049300, E07108, U35846, U91329, X70685, AL110222, A08909, A77033, A77035, I03321, AL049283, U72620, AL050172, AL122098, X72889, Z82022, AL137271, U00763, U80742, AL133072, A08912, A03736, X96540, AL137538, AF087943, A12297, X93495, AF061943, Y14314, AL137648, AL137526, I09360, AF111112, AL080127, AL080159, X65873, AL110197, AL137521, U67958, A93350, AF026816, E08263, E08264, AL137560, Y09972, AL110280, AF111849, AL122118, S61953, AL133568, I26207, X98834, AF067728, E04233, AL137523, AF079763, AJ012755, E15569, AL133558, U68387, AF185576, AL122049,

425	HSLGX52	866287	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 973 of SEQ ID NO:425, b is an integer of 15 to 987, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:425, and where b is greater than or equal to a + 14.</p>	<p>E05822, AL133077, AL133104, AL137556, AF026124, Z37987, AL133014, AF008439, X87582, AR000496, U39656, U96683, A07647, AF119337, AR038854, AL080074, I00734, AF057300, AF057299, U49908, AF003737, E00617, E00717, E00778, AL137476, Z72491, AL137488, U88966, A45787, Y07905, AR038969, U58996, AL137533, AR013797, M30514, AL133098, AF153205, AC004093, AF061573, AF100931, A90832, AF106827, AL137558, AF162270, AL133067, I17767, AL117440, E12747, AF095901, E06743, U78525, A08911, X92070, AC004200, AL137478, AL137480, L30117, AL137294, AJ006417, X62580, AJ005690, AL137705, Y10655, AF030513, E02221, AF067790, AR020905, L19437, AF132676, AL133081, AF061836</p>
426	HWLNL21	866300	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1712 of SEQ ID NO:426, b is an integer of 15 to 1726, where both a and b correspond to the positions of</p>	<p>AI697569, AI697833, N21277, N32584, AI688219, AI291299, AI492326, N75967, AW206251, AA836065, AI916534, AA424349, AI292114, N31212, AA235383, AA555024, H45451, AI538241, H45537, AI784105, AA918245, AA747919, AI911801, AI251010, AA424515, H02792, AA215787, AA090140, AI446091, AW050558, AA683529, AI131054, N41921, AC003010, AC002468, AC005620, AC007088, AC004967, AC005837, AL033518, AC004617, AC004953, Z74617, AC002992, AC006581, AL033397, AJ251973, AC004887, AC003013, Z98941</p> <p>AA151676, AI769896, AW001439, AA442724, AA701093, AA988751, M79144, H43287, R85181, H26915, F37221, F32047, R85880, F31655, AI688230, R85111, R87768, AA379165, T34748, AA873108, AA670309, AA483340, R84489, D25831, AB023211, AL049569</p>

427	HKADX79	866414	nucleotide residues shown in SEQ ID NO:426, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1514 of SEQ ID NO:427, b is an integer of 15 to 1528, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:427, and where b is greater than or equal to a + 14.	AI659421, AI632698, AI969812, AI394313, AI739006, AW139577, AW271206, AI805043, AI799897, AW293868, AI923666, AA640596, AA308562, H80192, AW377553, AW377527, AA833662, AA910928, AI275400, AI191675, AI041565, AI693984, AI392758, AA776304, AI597816, AW138256, AI956051, AI085021, AI288918, AI076685, AA725434, AI824191, AA226122, AA524228, AI471844, N70113, AA143493, AA226045, AI123234, AA858158, AA532806, AA143492, W01829, N70775, AI183697, AI693773, AA304772, AA757995, AA152444, AI276951, AA613815, H78816, AI076680, AI283120, AA152445, AF228603, AF157600, AF170564
428	H6EAB24	866987	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2041 of SEQ ID NO:428, b is an integer of 15 to 2055, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:428, and where b is greater than or equal to a + 14.	AI280901, AI922816, AI565695, AA148507, AI829019, AI400567, AI829508, AW374018, AI097630, AI634506, AI804426, AI446026, AA705946, AI422785, AI435801, AI369213, AI885226, AI432471, AA573316, AI912001, AI806682, AI333964, AA846015, AA482181, AI809117, AW002805, AW316839, AA282675, N33872, AI682044, AA759157, AI367910, AI188447, AI347511, H20618, H17420, AI332885, W22763, AI982624, AA100122, AA954893, AI735769, N25239, AI680860, AA156615, AI537693, AI143785, AA100061, AI524527, AA007162, AA625505, AI371451, H20527, AA007160, H17421, AA007161, T81126, T81079, AI086171, AA884170, AA319441, AA282548, AA482278, AA953431, AW364846, AL050021
429	HRDFP67	867132	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AI365618, AC004263, T94283, N22176, N71222, AA026061, AA854747, AI472493

430	HDPPM58	867388	<p>is any integer between 1 to 341 of SEQ ID NO:429, b is an integer of 15 to 355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:429, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2820 of SEQ ID NO:430, b is an integer of 15 to 2834, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:430, and where b is greater than or equal to a + 14.</p>	<p>AI458786, AI887533, AW390526, AW390528, AW195333, AA305871, AW390529, AA779299, AW360787, AA932904, AW081658, AI768543, AA161227, AW188432, AW022692, AA307724, AI623414, AI829401, AI572590, AI972121, AI671703, AW150744, AA308342, AA633228, AA855063, AI669455, AA161190, AA127374, AA847670, AW090023, AI520686, AW117736, AA044425, AW051743, AI339532, AA581822, AW027895, AI261519, AA873824, AW117669, AA070157, AI214974, AI265963, AI858153, AI989366, AW303893, H16931, AW151801, AI560039, AI221820, AI261495, W88481, AA862524, AA127373, AI082034, AI375974, T77484, AI973142, AI291188, AA029130, AA219277, R54545, AA448652, AA448748, AA099307, AI915901, W90061, AA810334, AA314303, AA594480, AA668520, AI040180, AI619937, AI863529, AI635285, AI811551, H20093, AA219340, AI932339, AI421285, AA233332, AA810722, F13364, AA043059, AA099817, F06571, H82160, M62189, W23152, N36230, AA877042, AA350625, H16823, R59794, R93388, AW204862, Z39554, AA639161, AI289443, AA224101, AI433218, AI872709, AI014937, AA592917, AA781575, AA705663, H45567, F10958, H91261, AA628728, AI281849, AA070256, AI267542, H45471, H22802, AI420466, AA296798, C04074, AW238960, R93389, N88473, AA906981, AA632381, AW182233, R95154, AA312474, F05926, M78191, AW118295, AA224100, AA545788, AA328674,</p>
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	R61336, AW339384, F02174, AW130994, R54447, AA296745, R65900, N38906, AI001898, AI869861, AA364250, F04495, H23008, AA860440, AA350626, AA159104, R21376, AA389643, AA361411, T35030, R38373, H90353, AA704415, T16130, T24815, R65804, H82062, AA071429, AA666309, AA232913, AW148585, AI370241, AI804738, AA030001, N93735, C03812, AA730612, AI973018, AW380044, C02275, AA248408, AI497704, AA362217, AI758396, D19826, AW389505, N46480, AA365455, C03880, AA247342, W51749, R58318, AA974143, AI880838, AW382214, AL121270, AL120853, AL048656, AI567360, N80094, AI269862, AI349964, AI345416, AI345612, AI539153, AI572418, AL079963, AI539028, AI345415, AI340582, AI909696, AL049085, AI684234, AI251205, AI612759, AW020095, AL041772, AW074459, AI364788, AL045266, AW268122, AI500706, AL045500, AI828731, AA572758, AW023590, AW303074, AW304652, AI869367, AI284517, AI633419, AL042628, AW191003, AI433976, AI620284, AW268220, AI868831, AI921176, AI950664, AI334450, AI521012, AW238730, AA427700, AI308032, AI862144, AL119791, AI433157, AI539771, AI567351, AW103371, AI537677, AI349598, AI500659, AI696626, AI815232, AJ000334, D84273, U79254, AL117583, Y11587, A08916, AL133606, AL050024, AL133093, I89947, I48978, A08913, A08910, I89931, A08909, A93016, AL050277, AL122121, AF113694, U42766, AL122110, I49625, AL050116, AF113676, AF017437, AF113677, Y16645, AF097996, AL117457, U35846, AL122050, X84990, AL133565, AL122093, AL049452, AL133640, AL137648, X98834, AF113013, I48979, AF146568, AL080137, AL080124, AB019565, AF087943, U96683, AL110221, I26207, AF118064, AF090896, AL122123,

E07361, AF113699, AL133080, AF113691, AF078844, AF090943, AF118070, AL110196, S78214, X72889, E03348, AF113689, AL137550, Y11254, I42402, AR059958, AL133016, S68736, AJ000937, AL049430, AF125949, AL050146, AL050108, AL137527, AF017152, X65873, A03736, I03321, AL137557, AL133560, AF090901, X63574, AF113019, X82434, AL122049, AL137526, AL133568, AJ242859, AF090900, AL117435, AL080060, AL133557, E07108, AL133075, AF158248, AF079765, AF106862, AL080127, AF162270, AL049283, AL049464, AL137459, AL117585, AF090903, AF026124, U78525, AL133113, A65341, U00763, AL137271, AL049314, AF111851, AL117460, L31396, AL050393, L31397, U91329, AL049466, AF091084, AF090934, AL049382, AL137523, Z82022, AL050149, AF113690, E05822, A77033, A77035, I33392, E02349, AF183393, AL137538, AF125948, AL133077, AF177401, AL137521, AL049938, X70685, Y09972, AL096744, AL050138, AL137463, AJ238278, AL117394, A08912, A12297, AF061943, A58524, A58523, I09360, AR000496, U39656, L30117, AL122098, AL117440, X93495, AL137283, AL049300, AF067728, AF118094, AL133072, AL110225, U80742, X96540, U72620, AL080159, Y07905, AJ012755, AL137476, AF104032, AL133014, AR011880, U67958, AF153205, AR038969, AR038854, Z72491, Y14314, AF111112, AF119337, AL133067, E15569, AL050172, AL133098, AL133104, X87582, A90832, AF003737, AL137556, Z37987, S61953, A45787, AL080074, AL137560, A93350, AL122111, AF026816, E04233, I00734, E02221, L19437, M30514, U58996, E00617, E00717, E00778, U68387, AL117432, AF057300, AF057299, E08263, E08264, X62580, AL110197, AL122118, AL137273, AF185576, I17767, AF118090, AF079763, AF111849, E08631, AL137533, AJ006417, AF008439, X83508,				
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431	HTAHC93	867842	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2695 of SEQ ID NO:431, b is an integer of 15 to 2709, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:431, and where b is greater than or equal to a + 14.</p>	<p>AF067790, AL137478, AF100931, AL117649, A07647, AL137480, U49908, AF132676, AF106827, AF061836, AR013797, E06743, U68233, I92592, AL133081, AF210052, X92070, AF061573, AF081197, AF126247, AL137292, AL080086, AL080158, AA159129</p> <p>AI918107, AA465241, AI828593, AI992164, AI953194, AW167788, AA132522, AA432219, AI826728, AI148029, AA259021, AA992444, AW194287, AI934757, AI765092, AI805113, AW305045, AW305046, AI739526, AL118677, AA812940, AI433078, AI990053, AW025703, AA326663, AI969123, H55994, AW075451, AA132504, AW190195, AA353370, AA299533, AA465597, AW387028, W05215, AW079170, AW364033, R39594, R39669, AA454610, AI613465, AI867236, AA515631, AA258216, AA916168, AA569591, AA612597, AA458534, AA090380, N74306, AW364034, AA092553, AA994233, AA643211, AA001471, F00906, AA078672, AA651673, F04390, AC006449, AL133659, AF075118, U07932, AF100956, AL109985, AC004093, AF109906, AF191577</p> <p>AA057543, AA411460, AI952878, AA702669, AW071838, AW103390, AI916698, AW130318, AA535372, AW206043, AA992806, AA427557, AA680090, AL036080, AA595148, AI968048, AI392865, AI025790, AA496286, AI560657, AA458983, AW241678, AI270725, AI003935, AW204417, AA419217, AW236215, AI933720, AA005226, AW102764, AA779900, AI275738, AW028139, T85330, AA346972, AI801715, R05480, H72246, AA609061, AI250341, AI766731, AI471307, AA411587, AC005923, AL050170</p>
432	HPCRL51	867923	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 725 of SEQ ID NO:432, b is an integer of 15 to 739, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:432, and where b is greater than or equal to a + 14.</p>	<p>AL040869, AA3111215, AW182860, AL040043, AI954079, AW001334, W25260, AA323524, AI373179, AA904049, AI699907, AF001434, AF099011.</p>
433	HCRNJ44	868035	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	

434	HFKMJ43	868135	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 839 of SEQ ID NO:433, b is an integer of 15 to 853, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:433, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1084 of SEQ ID NO:434, b is an integer of 15 to 1098, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:434, and where b is greater than or equal to a + 14.</p>	<p>AF173156, AF099186</p> <p>AI076939, AW131143, AI547316, AW084960, AA769108, AW166982, AI922723, AI859425, AI547315, AW190185, AW189314, AI687025, AW103994, AI885578, AW167989, AI971285, AW273318, AI634376, AW103531, AI815064, AI887599, AA613656, AW085668, AI284232, AW272535, AI580226, AI758714, AW102937, AW130895, AI744795, AA485335, AI077344, AI453759, AI660446, AA662083, AA485528, AI673587, AA932540, AI660299, AI680231, AI819676, AI347214, AA769762, AA099852, AW381802, AW381808, AA827002, AW394192, AA974186, AA635998, AI360433, AA515323, AA932698, AI631419, AI475522, AA576781, F20462, N88483, AI884333, AW372362, AI266687, T47132, R54786, AW130809, AI914926, AW085843, C01770, AW392791, T58370, T47131, AA349222, AW173742, AW391615, AI284877, AA974427, AI537745, AW439296, AW392770, F37677, AA317949, T69376, AW050884, AI690506, AI612866, AI282235, AA485371, T58420, AA485492, R54976, AW392430, AA303595, D31427, AA582345, AA569064, AA299677, AA568373, AA349268, AW083669, AW087282, AW075780, AA099975, AW105580, AI915084, T69301, AA335651, AA304122, AI874164, AW166667, AW381330, AA641428, AI814814, T74185, AI422498, AA662119, AI914688, AW364262, AW394256,</p>
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435	HMSFSI3	868173	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1164 of SEQ ID NO:435, b is an integer of 15 to 1178, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:435, and where b is greater than or equal to a + 14.</p>	<p>AW387219, AI687588, AI079092, AW394196, AI745502, D28137</p> <p>AA203497, W80594, W78988, AI051174, R10941, AI240722, H47056, R10890, H47128</p>
436	HCRQH59	868224	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 672 of SEQ ID NO:436, b is an integer of 15 to 686, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:436, and where b is greater than or equal to a + 14.</p>	<p>AI005034, AI560993, AW149100, AW207031, AI188497, AW295548, AW250814, AW327945, AI745194, AA922333, AA629893, AA400153, AI027600, W58447, AA813400, AA746206, N80927, W76342, AI139801, AA828177, AA451805, AI682025, AA676942, AW375643, AI279610, AI743371, AI359755, AI276499, AA444123, AA443944, AA196359, AA569017, AI086189, F37015, AA454013, AI089230, AI632987, AI367703, AI338403, AI262825, AI445623, AA767495, AI241535, AW004973, AW009042, AA453635, Z41848, AI094343, F22096, AA923598, AW080667, AA833987, AA441932, N73089, AA548624, F04870, T30813, F10561, AI342923, R37034, R39180, AW058509, AW440500, T35208, T17396, AI720047, AA197182, W58482, AI797280, AA426126, AW363378, T19458, C21530, AA090309, R34367, W74362, AA446271, T61317, AW407104, N71508, AA075086, AA703101, AA383602, AI371957, AA192312, N22129, N91820, AA374751, F24684, AA213591, AA813578, H97310, H43284, C00318, T10425, AA369853, AA349688, AL035405</p> <p>AI056268, AI343372, AI139495, AI027361,</p>
437	HHFJU87	868655	<p>Preferably excluded from the</p>	

438	HFIAU59	869698	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2574 of SEQ ID NO:437, b is an integer of 15 to 2588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:437, and where b is greater than or equal to a + 14.</p>	<p>AI924719, AA316121, AA708610, AW084101, AI660874, W23031, AA316032, AW087171, AI491951, AA147574, AA044040, AA057458, AA258433, AA258473, AA099664, AI217722, H05694, AI217720, AA447181, AA665778, AA994652, AI401464, AA043987, AA323852, R23442, AA303874, AI206793, AA588294, D83890, AA460097, AA373101, AA603138, H08671, AA328895, AA653915, AW367071, AI439142, AI932561, AA343108, AA248906, AI783947, AA249549, AA249413, AA923343, AL137965, AW008330, AA091278, AI298571, W47605, AI306526, AI216520, AA442219, N56755</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3595 of SEQ ID NO:438, b is an integer of 15 to 3609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:438, and where b is greater than or equal to a + 14.</p>	<p>AI637846, AA887146, AI923869, AW130105, AI828950, AA706813, AI567142, AA496218, AA504266, AI796787, AL120830, AI768215, AI923290, AA307624, AW265423, AI432594, AA846683, AW023377, AI149750, AA830707, AI130755, AA831941, AI813474, AA310261, AA493149, AI352195, AI278643, AA418838, AA252591, AA449177, AI432141, AA099899, AW196997, AA748185, AI359815, AA476504, AI680167, AA989123, AI439476, AI740988, AA641927, AI743769, AA102103, AA307883, AI270331, AI660051, AA429154, AI371979, AA418927, AW316913, AA740707, AA811144, AA252204, AL120914, AI358187, AI088116, AA618550, AI005413, AA746019, AA744831, AA251764, AA765289, N22214, AI245654, AI288125, AI521023, AI440049, AI439066, AW020264, AA828338, AA745277, AI041495, AI453701, AA447164, AA428995, AA251920, N64152, AW023222, AI863738, R33968, AA835823, AA488982, AA489057, AA351905, AW021986, AW192667, AA579266, N68141, AA580976, AA830209, C02334, N68217, T39203, AA356883, AA369952, AA193552, AI915727, AA371504, AA443792, AA353796, W07214, T40474,</p>

439	HBKDR59	870190	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2629 of SEQ ID NO:439, b is an integer of 15 to 2643, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:439, and where b is greater than or equal to a + 14.</p>	<p>Z20878, AA508477, AA115114, AA114981, AW197922, AI572933, AA379201, AW265622, Z75331, AJ002636, L08437</p> <p>AW409651, AW001436, AI766185, F24711, F30562, F18895, F33224, F20809, AW290901, AA112814, F30649, F24516, F36239, F23390, F24189, W65464, F20910, F24946, F19577, F27754, AA393845, F21414, F35959, F24144, F19544, AA086252, F31787, F34043, AW136769, AA346256, F01249, AA194339, F34580, W65465, F18803, F24518, AI380655, AA112964, F32973, F24338, AA196236, F25919, AI520948, AW073292, F00875, F37952, AA706041, F22333, AA102288, F30139, F19529, AI873673, F32933, AI580424, F22119, AA176956, AA197011, AW196341, AW393804, AA213963, AA907940, AA179063, F23562, F17271, F34144, F18206, F35373, F32260, F17119, F20182, AA197042, F17627, AA193202, AI984748, F33521, AW003263, F22260, F33351, AI656164, AA211514, F16602, F35945, AA211757, AA179234, F16358, AA112845, W42981, AI126989, W42982, AA179064, F33500, F31725, F36387, F27742, AA321749, F00003, AA178967, AI038202, F23383, AA321748, F31776, AI972778, AA196264, AI365102, AA194347, W21136, F27722, F28315, N93730, F00478, AA194398, H14052, M99223, M12898, M26064, X63009, J04703, X02814, X52496, U96781, Y18063, M25267, AF043106, X15635, J04024, J04022, J04023, AJ223584, AJ131821, M30581, U49394, U49393, AJ131870, X67140, U96780, M15158, U96779, M15351, AF091853, M20532</p> <p>AA280720, AA505108, AA605272, AW269504, AA603315, AI635279, AA582073, AI962030, AA708103, AA584125, M77893, AI311276, AI254779, AA847499, AW148507, AI345891, T54600, AA687730, AA502843, AI821608, AA280427, AA811208,</p>
440	HTHCZ54	870349	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	

<p>is any integer between 1 to 623 of SEQ ID NO:440, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:440, and where b is greater than or equal to a + 14.</p>	<p>AA137013, AC004526, AC005879, AC002563, AL022319, AC002352, AC007563, AC005072, Z83843, AC007298, AC004386, AL031584, AP000036, AC002432, AC004491, AL049539, Z84466, Y10196, U85195, AC000353, AC006312, AE000658, AC002565, AL035461, AC004002, Z82190, AL031767, Z83819, AL121754, AL031666, Z83822, U95743, AC005726, AL035684, AL096701, AC007314, AC008064, AL050321, AC003950, AL049709, AL109984, AC003957, Z93783, AC005209, AL133243, AL031058, AC007387, AL132987, AL022345, AC005670, AC005081, AL009172, AC007386, AC009044, AC005859, AC003037, AC004963, Z84469, AC005829, AC006360, AL117338, U95740, AC004554, AC002990, AF001550, AC005197, AC004887, AL008732, AL034419, AC005808, AC005094, AL049780, AC002416, AC007360, AF001548, Z93020, AL139054, AC002302, AC007227, AP000501, AL031273, AC007685, AC006001, AC011422, AC004087, AC006960, AL031283, AF053356, AP000513, AL049776, AC004098, U91321, AP000014, AC007226, AC005082, AC002288, AC007684, AL050318, AC003046, AL121652, AF196972, AC007842, AC007637, AC004805, Z99127, AC003101, Z98949, AC004132, AC007390, AC004032, AC005277, AC002554, AC004216, AC012384, Z99716, AC002349, AC005914, AC007216, AC006121, AC006116, AC005823, AC005071, AB023048, AC008116, AC008372, AF130343, AL049778, AC005048, AC008115, AC000004, AL050350, AL049779, AC006111, AC005015, AL022163, AL021528, AL030996, Z97053, AL035071, AC002470, AC007172, AC004890, AC004876, AF205588, AC003029, AB020866, AL133448, AL031230, AC000025, AC005920, AC002350, AC005933, AC004253, AF015262, AC006317, AL031602, AC008125,</p>
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			AC006571, AC008009, AL031003, AL022237, AC003684, AL031681, AL035423, AC005972, AF064858, AP000208, AL024507, AP000557, Z97054, AJ229043, AJ010598, AL031848, AL031123, AC006958, Z94056, AP000099, AF109907, AC002400, AC007193, AC005304, AL136295, AC005484, AC005899, AC003003, AL049757, AL133246, AB023049, AP000553, AC004771, AP000011, Z84484, AC005342, AL031224, AC002418, AC002375, AL035555, AP000247, AC000118, M89651, Z81314, AC005004, AL022395, AL133355, AP000692, AC000035, AL022721, AC005837, AC005280, AC004953, AL050332, AC004659, AL022329, AC005031, AC004223, AC005325, AC005778, AL023913, AC006538, AC005088, AC007157, AC005095, AC005049, AL049650, AC004883, AL031297, AL031433, AC009516, AC007384, AC004552, AC004615, AP000130, AC004921, AC011311, U07562, AC002299, Z83844, AC005520, AC005771, AC005102, U29895, AC006064, AC004518, AC004408
441	HWABV82	870419	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2581 of SEQ ID NO:441, b is an integer of 15 to 2595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:441, and where b is greater than or equal to a + 14.</p>

AA601940, AW205121, AI141907, AI869702,
AA731344, AI128741, AI288581, AA233156,
AI366687, AI834242, AW363558, AW406637,
AW001981, AI361102, AA857855, AI073592,
AA622202, AI093763, AA594450, AW068510,
AI538596, AI120386, AA159922, AI123208,
AA854132, W48791, AA725251, AA233232, AW390347,
AA687609, AI696346, AI858437, AI061262,
AI810395, AA983511, AI190304, AA576990,
AA722843, AI523184, AI369749, AI120506,
AI344375, AW068772, AA977264, AA025994,
AA693398, AA305354, AA431097, AI860056,
AW058630, AA706704, AA159304, AA633069,
AI052053, AW408599, N41444, AI357292, AA305432,
AW369383, W81209, AA009433, AA554141, AW369334,
AW369372, AW403131, AA226840, W49616, AI206517,
AW402978, AI766707, AI354629, AI206804,
AA233115, AW082751, D20039, R96149, AA781650,
AI906402, AW369378, AA158005, AW176662,
AA037067, AI471469, AI214071, AI128438,
AW369363, AA243693, AA025935, AA470742, N99045,
W38348, AW198136, AI244933, AA152400, AA251742,
T63645, AA843429, AI198270, AW387283, AI014806,
AA147149, AW387279, AI244494, H05246, AI909741,
AA068995, AW363552, H63348, AA873311, AI909742,
AA972595, AA723485, N69416, AI750309, AI831979,
F11143, AI758210, AA953204, R14402, AA009432,
AA130321, N69871, AA937997, AA676328, AW391004,
AI834227, C75028, AI375745, AA318159, AA523040,
AA359700, AA282110, AW176551, F02163, AI909763,
AI221319, R55808, H63268, AW439092, AW376794,
AW376722, AA648692, C17923, AW376787, AW376790,
AW376808, D58666, H67217, AW376586, AW376634,
AA526169, AW376602, AW376608, AW376670,
AW376710, AW376766, AW376594, AW376648,
AW376723, AW376797, AW376835, AW376556,

442	HACAC44	870522	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1287 of SEQ ID NO:442, b is an integer of 15 to 1301, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:442, and where b is greater than or equal to a + 14.</p>	<p>AW376626, AI648622, AW376669, AW376598, AW376664, AW376793, AW376589, AW376727, AW376742, AA640192, AW381440, AW369361, AW376746, AW376535, AA533573, R96150, AA811996, AA731346, AW376611, AW376673, AW376763, AA101026, F04541, AA340614, AA321525, J05021, X51521, X60671, M98498, AB019790, M69066, AF004811, M86450, X67788, AF187552, AF189213, AF188897, AF188896, AF190059, Z98946, AF199015, A74971, R14107, R34799, R39976, R55893, H24380, H25198, H43742, R83627, N91447, AA027254, AA027255, AA130320, AA282111, AA524127, AA635688, AA092681, C16922, C17290</p> <p>AA732468, AL043018, AI963433, AA622251, AI560190, AI749581, AW362457, AW024461, AW362418, AW362459, AA307460, AA172081, AW238430, AI432197, AI400045, AI348099, AI122666, AI084503, AI097199, AA773420, AI924870, AI683453, AW272288, AI688599, AW151065, AI683437, AW236325, AA127600, AI832424, AI961261, AA191492, AA521001, AI609275, AI539701, AA059128, AI339621, AA164246, W88688, AI940790, AA280189, AI890492, AA971521, AA487487, AA113967, AI796636, AA113975, AI093771, AI565099, AI300916, AA828550, AW024650, C75515, AI127502, AA583210, AI356105, N69680, AA155887, AA425071, AI082618, AW379685, AI700320, AA490212, AI082422, AW024237, AA311880, AI391733, W25209, AA503796, AA826830, AW004688, AA234784, AW029114, AA533723, AI333989, AA765216, AI640715, AI140928, AA233104, AA488627, AA773596, AA410203, AW276104, AA121490, AA076138, AA243663, N55366, AA843816, AA487701, AW238392, AI589674, AW082650, AI703364, AI393774, AI678005, AW129343, AI351973, AA186694,</p>
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	AA631585, N77372, AW264693, AI708579, AA828168, AI253752, AA713617, AI241364, W88674, AA856622, AW339674, AI468454, AA761035, AI333948, AA608978, AA443223, AA121713, AI206558, AA602373, AI689903, AA315934, AA410202, AA85774, AW166954, AI354371, AA136561, AA609596, AI399856, AA644641, AA234716, AA961145, N95265, AA157306, AA769568, W30735, AW366445, T32410, AA076477, AW005205, AA749169, AA076366, AA886604, AI364350, AA443186, AI676079, AA477998, AW173591, N77197, AA610283, AA160755, AA486003, AA172058, AI498678, AI525518, AI469612, AA088329, AI091940, D53760, AA263044, AI274460, AI274131, N98217, AW401383, AA804255, AA364669, H24015, H47488, W99326, H67134, AW366443, AI688781, AI337543, Z25111, H81437, T32288, AA506289, R05982, AA291673, AI080264, AA932552, AI630479, AI864043, AI141097, AA169887, R49573, AI802015, AA129546, AA716523, AA235675, AA852685, T57818, AI554824, H72387, W99368, C04264, F00249, AW196727, AA322105, AA383944, AA830133, AA307781, AW015462, AA065104, C15726, AW236193, AA773340, AA236891, AA169574, AW007217, AI693662, AI383858, AI799525, AI459817, AA876959, AW273655, AA565893, AA064854, AI634280, H10400, AA665643, W04304, AA782912, AA076178, AA887175, AA352861, AA296629, AA887148, AI471562, AA367055, R81881, AW205111, AI630377, AA253256, AW392331, AA677481, D53759, AA342591, AA759048, AW243664, H10608, AI344490, AA626582, AI458916, AI630327, AW419306, AA088330, T16764, AA155839, AA922958, AW300747, AA281564, AF054174, AF058445, AF044286, AF041483, U79139, M99065, AF171080, AF123312, AF171081, T82377, AA083755, AA112072, AA190752, AA913216, AA968487,

443	HDTLE81	870896	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:443, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:443, and where b is greater than or equal to a + 14.</p>	<p>AA653986, AA477999, AA773883 AA313716, N57369, AA295283, AL133355</p>
444	HSWBU77	871071	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 381 of SEQ ID NO:444, b is an integer of 15 to 395, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:444, and where b is greater than or equal to a + 14.</p>	<p>AW401754, N51433, N52178, AI160836, AI150956, AI380317, AW005566, AI201735, M78012, AI636693, AI221560, AI189814, AI269161, AW404116, AI832378, AI783604, R71999, AI914007, AW275795, N80554, AI718609, AI718645, T36255, AW001003, AI206919, F18021, AI141711, AA450045, AA922786, F30202, AI056913, AA707747, AI185990, AI627222, W19286, AA224759, AI863594, AI890468, AW189371, AI743409, AW169124, AA226254, AI049994, AI913167, AI095206, AL079447, AI025355, AI251360, AW148964, AA879022, AA425283, AW085751, AA352518, N98622, AA659190, AI084648, AA180815, AI557808, AI360368, AA399333, N99919, AI859618, AI114543, AI057560, AI267285, AA604323, AL047306, AI907506, AW168734, AI446424, AI445793, AL041375, AA769530, AI880770, AI086603, AI039440, AI433952, AI818921, AI754064, AI917658, N68677, AA167178, AW022704, AA513196, AA326398, AI754926, U95739, AC005081, AP000260, AC005829, AP000036, AC002316, AC005562, AP000099, AL049557, AL132985, AP000359, AC007225, AC007172, AL133243, AC004686, AC007425, AP000213,</p>

	AP000135, AC005696, AP000031, Z83840, AL049539, AL022724, AF030453, AC005516, AL121934, AL031433, AC004448, AC005088, AC006120, AC003029, AL021878, AL022723, AC003663, Z97634, AF205588, AC004069, AC003101, AC007073, U47924, AC006511, AC006241, AL133448, AC007666, U91326, AC004797, AC005695, AF130247, AP000350, AC005412, AC002430, AC004099, AL109827, AC006353, AC005225, AC007384, AC003688, AC004019, AL008582, AC000052, AC006211, AL031681, AC005911, AF047825, AC002558, AC007917, AC010200, AP000553, Z82198, AL022326, AC002059, AC007221, AC004520, Z82206, AP000547, AL035454, U52112, AL021918, AC004883, AC002394, L44140, AL031651, AF196779, AC005279, AC002997, AL079305, AC005037, AC006449, U91327, AC005372, AC003010, Z82244, U66059, AF184110, AC005684, AC004685, AC003109, AL022318, AC007292, AL022327, AF207550, AC007277, AP000208, AP000130, AL049553, AL117340, AC006112, AL021707, AL035420, Z83844, AP000247, AL121915, AL135879, AL121790, AL031721, AC006023, AL031281, AL034379, AC007012, AL132642, AL035398, AC005480, AL050321, AL049757, AC005790, AC005018, AC004804, AF057140, AC008040, AL096701, AC004884, AC004213, AC004859, AC002472, AC007676, AC006057, AL132712, Z82208, AC006597, AC004231, AL035411, AC007055, Z93931, AC007686, AC005899, AC006059, AC004752, AL034548, U73647, AC007157, Z98304, AC007993, AL032821, L48038, AC004148, AC002289, AC005180, AC007298, AC004659, AC002996, AC005206, AC003950, AC005212, AC007878, AC020663, U91323, AC007371, AF124523, AP000689, AL020997, AC002565, AL021391, AC004908, AC006064, AL031311, AP000503, AC007021,

445	HWACJ61	871225	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1544 of SEQ ID NO:445, b is an integer of 15 to 1558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:445, and where b is greater than or equal to a + 14.</p>	<p>AC006441, AC007537, AC005365, AC005215, D84394, AC002504, U63630, AL031775, AL023584, AC005358, AF111168, AC006111, AR036572, U91328, AL035407, AC004837, AC012085, AC005667, AB003151, AF134726, AL031767, AL035455</p> <p>AI913998, AA128064, AA480228, AW440835, AI336571, AW299768, AI906358, AI906367, AA326115, W68756, AI207161, AL048182, AA552921, AA932082, AA622156, AF080158, AR067807, AF031416, AF088910, AF026524, AF115282</p>
446	HKLSC04	871428	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3071 of SEQ ID NO:446, b is an integer of 15 to 3085, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:446, and where b is greater than or equal to a + 14.</p>	<p>AA701667, AI435854, AA811453, AI268375, AA741050, N68502, AA748037, AI809498, N40363, AA731507, AI806279, AF150208, AI082190, AI244194, AA946684, AA825325, AA946679, AW292592, AI832023, AA608679, AA287961, AW117937, AA280917, W44635, AA743100, AA911245, AW151588, AA286954, T75259, AI952240, AA977013, C14333, AI762840, AI370846, R88105, AA441979, AW376287, N48804, AI458457, AW241912, W44586, D81095, AA506419, C14239, N27548, AA878217, AI735679, AA767790, AA721375, AA995689, R97283, F13495, AA470494, AI799114, AA057788, AI417709, AA904355, AI128599, AI557555, D59635, AA047606, AI218107, AA527592, F10488, AA364204, D80152, H54332, AI760595, AI074719, AW080845, H54122, AI694001, AI718622, N87996, H21903, AI382742, N45595, H45479, AW019947, AA743131, T93311, AA807044, AA492324, AA729134, D80364, AA005207, D59993, AI832370, AW302371, H65224, AI423823,</p>

447	HCRPM84	871498	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1903 of SEQ ID NO:447, b is an integer of 15 to 1917, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:447, and where b is greater than or equal to a + 14.	AA908689, AI719952, C02342, AA923093, T93988, AA005208, N22641, AA688340, C14240, AA470961, R97047, AW183246, D80151, AA587961, AA688339, D81228, AA156735, AA625352, H21782, AI909028, H45478, AI610412, AW295861, AA045905, AW193243, T63765, H21691, AA490197, AW237053, I95754, AA629148 AA614743, AA315930, AW327829, AW327869, AA838465, AA028992, AI028728, AW014945, AI619612, AA182764, AI675491, AA927929, AA030010, AA368382, AA993714, AA236575, AA234605, AA448866, AA460089, AW014951, AA430225, AF151908
448	HLHGG41	871732	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 932 of SEQ ID NO:448, b is an integer of 15 to 946, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:448, and where b is greater than or equal to a + 14.	AI435382, AI149854, AA747434, AA410696, AA130455, AA669118, AI954884, AA776480, AI220980, AA281474, AA182634, AW410911, AW410948, AI127902, AW410464, AI922064, AI866551, N29646, AA919157, AA058503, AA135645, R01159, AA991193, R10880, AI095663, AI147358, AA886215, AI130958, AA622039, AA593877, AI199828, AA534396, AI075283, AI138468, AA632319, AI129513, AA516111, AI636835, AA101571, AA574071, AA532871, R08363, W81083, R05769, AA190784, H95250, W80980, AA608850, R10929, AA151035, AI219126, AA235490, H95261, AI247268, AA490668, AA054462, AA487878, AI142364, AF038957, AF068117, AF047695, U01137, AF068116 AI435382, AI149854, AA747434, AA410696, AA130455, AA669118, AI954884, AA776480, AI220980, AA281474, AA182634, AW410911, AW410948, AI127902, AW410464, AI922064, AI866551, N29646, AA919157, AA058503, AA135645, R01159, AA991193, R10880, AI095663, AI147358, AA886215, AI130958, AA622039, AA593877, AI199828, AA534396, AI075283, AI138468, AA632319, AI129513, AA516111, AI636835, AA101571, AA574071, AA532871, R08363, W81083, R05769, AA190784, H95250, W80980, AA608850, R10929, AA151035, AI219126, AA235490, H95261, AI247268, AA490668, AA054462, AA487878, AI142364, AF038957, AF068117, AF047695, U01137, AF068116
449	HWLNH36	871756	Preferably excluded from the present invention are one or more	AW188092, AI743960, AW019908, AI743675, AI554932, AW130209, AI400570, AI873626,

450	HKAAC09	871821	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1176 of SEQ ID NO:449, b is an integer of 15 to 1190, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:449, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 901 of SEQ ID NO:450, b is an integer of 15 to 915, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:450, and where b is greater than or equal to a + 14.</p>	<p>AI635163, AA630087, AA773835, AI745307, AI681992, AI769214, AI452846, N26651, AI942419, AA931054, AW020889, AA330667, AA199908, AI080379, N50936, AW051252, AA774703, AA371288, T55202, C18915, AI183818, R23104, AW029363, C16828, R63546, R63500, C18924, D78829, AW023362, H42585, H52313, N79874, AI560593, AI445518, AA773693, R58570, AI873772, AC006501</p> <p>AI347928, AW162145, AI826327, AA716088, AI184237, AI221566, AI380301, AW162264, AI827001, AI738731, AI214206, AA778211, AA906997, AA309127, AW250315, AA662918, AA948191, AA132478, AA205866, AI291182, W58281, AW247709, AI879612, AI369761, W58282, AI493532, AW271688, AA215359, AA219692, AA113943, AW247263, AI357687, AA486007, AA026482, AA216703, AA223598, AA132567, AI936143, AA227341, AA181792, AI457253, AA206169, AI203342, AI206171, AA862491, AA459453, AA223374, AW160761, H83366, AA223240, AI541341, R27894, AW160535, AA088771, AW248039, AW370950, AA216698, AW370982, AA642560, AA034208, AA216670, AI918853, AA218599, AW403164, R27802, AI695455, AA121619, AA101550, AA196719, AA205783, AI879230, W21295, AA220914, H83713, AI200082, AI834288, AA554247, AA223124, AA205631, AI583365, AA026321, U64033, AC008055</p> <p>AW263849, AI302362, AI750848, W63796, AA378447, T79005, AA310337, AA304273, AA152264, AI146404, AA056005, AA359249, AI659163, N46657, AI671309, H87391, AA358696, AFL46793</p>
451	HLHAR50	872327	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1848 of SEQ ID NO:451, b is an integer of</p>	

452	HSKJB43	872354	<p>15 to 1862, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:451, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:452, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:452, and where b is greater than or equal to a + 14.</p>	<p>H08008, AA557825, N46310, N78001, W40214, AA249780, AI888301, H81476, T82657, AA557753, AW393136, AW451242, AI742939, AW051293, AA682604, AB011149, D78303, E13890, AF144731, E13891</p>
453	HNSMB24	872535	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2092 of SEQ ID NO:453, b is an integer of 15 to 2106, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:453, and where b is greater than or equal to a + 14.</p>	<p>AA534591, AW104113, AA922301, AA528179, AI978874, AI251446, AW193752, AI686794, AI469095, AA883068, AI865738, AI733856, AA410788, AI755214, AA847499, AI754567, AI754105, AA832145, AI683116, AA228778, AI923052, AA225406, AW328331, AI056177, AI249688, AI609972, AW419389, AW023111, AI135377, AI457597, AI017251, AI669421, AA176978, AI697425, AA704393, AA630854, AI693979, AA579152, AW272294, AA524616, AA644090, AL079734, AL118925, AW131356, AA610433, AA503019, AA535216, AI687343, AI038304, AI049955, AA584484, AI635028, AA536040, AA456924, AI537800, AI049630, AA568314, AA176604, AA169245, AW265688, AA583386, AI887235, AI792464, AI569100, AI446452, AW327624, AW192599, AA721645, AI923451, AW148507, AA838091, AA809125, AI311647, AI793172, AI793209, AI141130,</p>

	AL043105, AA579130, AI345695, AA572813, AA127222, AI080307, AA601278, AA772906, AI380617, AI696955, AA773463, AA177011, AI755202, AW237905, AI612142, AI627614, AI160786, AI066646, AL119691, AI452836, AA601356, AI350211, AI923458, AL037714, AA493708, W96522, AI053784, AA737309, AI078409, AA720774, AI613280, AI279417, AA772704, AI683513, AA558404, AC005225, AL035450, AC002558, AC006480, AC004883, AC005081, AC003071, AL035587, AL031311, AL049758, AC002492, AC005409, Z86090, AC002504, AL022165, AF113694, AC005088, AL109967, AC005953, AC006115, AL121603, AC004383, AC007011, AL022319, AC005519, AL035420, AF124523, AP000045, AC007225, AC005015, AC003689, Z82206, L44140, AC005231, AC007055, AC005962, AC005562, AP000557, L78810, AL049694, AC007216, AC004673, AL035405, AL050318, AF134726, AC016830, AC007172, AC006441, Z83844, AC005520, AL031680, Z93017, AC004797, AC006088, AF030453, AL080317, AC007277, AC005726, AL078638, AC005243, AL035460, AC006965, AL049749, AL022315, AP000144, AC005500, U91319, AC005295, AC005399, AC006141, AC005291, AC007191, AP000952, AL096678, AC005668, AP000208, AL049757, AC005527, Z98884, AC005670, Z84466, AC005514, AL021155, AC007298, AC005821, AC007637, AC006530, AL133216, AP000247, AC007193, AC006449, Z83733, AC004686, AC005740, AC007731, AF001548, AC007546, AC004125, AC006287, AC004996, AC005102, AL031228, AC007536, AC005207, AC005696, AC004079, AJ003147, X87344, AC004859, AC005971, AC003070, AL049843, AF042090, AC005940, AC002326, Z98745, U96629, AF196779, AC006077, AP000152, AR036572,

454	HAIJAN23	872551	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2274 of SEQ ID NO:454, b is an integer of</p>	AC006285, U51244, AC006511, AC004821, AL049636, AF045555, AP000503, AC000025, AC006121, AC012384, AC007676, AL020993, AC002310, AC004987, AC002456, AC007774, Z98304, AL033527, AC002350, AC002551, AC002073, AC006111, AP000113, U91325, U62317, AL022318, AC007283, AL133448, AC004834, AL031283, AC006023, Z97054, L47234, AL022476, AL021453, Z99128, AL021393, AC005663, AL020997, AL133163, AC004551, AC006211, AC004655, AL022723, AC004815, U80017, AC004491, AL031729, AC005060, AC006942, AP000065, AL035659, AF118808, AC004019, AC007686, X55448, AC008372, AL009031, AL035697, AC005529, AC004832, AC006139, AC006241, Z68870, AC003690, Z99297, AL022238, AF146367, AL078593, AC004878, AC005048, AC008041, AC005736, AC006328, Z98742, AL049830, AF205588, AL035249, AC003029, AL031281, AL117329, AC000385, AP000547, AC005330, AC000111, AP000240, AC006501, AC005031, AC002369, AL021918, AP000130, AL035407, AC005089, AC006059, AL121820, AC003950, AC004408, AC008115, Z95115, AC002302, AC006430, AC007993, AC004975, AL109798, AP000338, AF091512, AC006117, AP000347, AP000193, AC005695, AC005332, AL049643, AC002059, AL049869, AF031078, AC004905, AC016025, AL122020, AL031846, AP000216, AL021391, AF148461, AL109627, AC005778, AL031295, AC004227, AC005175, AF053356, AI949422, AI423046, N31952, AA465612, AI564487, AW195192, R88931, AA658285, AI740792, AA641596, AA313322, AW418507, AI949987, AW194161, AI869038, AW274192, AW301409, AW071349, AL038605, AW303152, AL121365, AI702406, AW243485, AL040243, AL135661, AI868831, AI608667, AI687728, AW162071, AI440239,
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<p>15 to 2288, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:454, and where b is greater than or equal to a + 14.</p>	<p>AI433157, AI440426, AL119748, AL036146, AL047763, AL047042, AL046849, AI349772, AI340582, AI857296, AI818683, AI433976, AL121270, AI349645, AW071417, AI635461, AL045500, AI436456, AI863014, AI475371, AI500077, AI538716, AI064830, AI567351, AW074993, AI521012, AW268253, AI312152, AW117882, R89611, AI349937, AI281779, AL036980, AI469532, AW089572, AI697137, AI815383, AW103371, AI349004, AI250293, AL036802, AI568870, AI564719, AI934036, AI679724, AI540832, AL036396, AI866608, AI345735, AI349933, AI873731, AI625079, AI580190, AI207510, AL119791, AL119049, AI249257, AI282655, AI690751, AW169653, AI343112, AI673256, AI349256, AI687376, AI499393, AL040169, AI686926, AI251485, AI699857, AW238730, AI597918, AI445432, AI439745, AW195957, AI499131, AI439087, AI920968, AI678302, AI275175, AI633419, AI446606, AI285735, AI802542, AI497733, AI631107, AI889203, AW068845, AI590128, AI758437, AI969601, AL120854, AI610307, AI609592, AI583316, AI500553, AW104724, AW148320, AI620284, AI866780, AI687415, AI609580, AI636456, AI919058, AA640779, AL121463, AA613907, AL036759, AL120736, AI690835, AI635942, AI568854, AI567632, AI597750, AI696398, AA572758, AI906328, AI366549, AI671679, AI800453, AW166645, AI498579, AW080838, AI753683, AI349614, AI696846, AL038778, AL036240, AI348897, AI224992, AI281773, AI680113, AI874109, AI613017, AI349598, AI952114, AA585422, AI800433, AI340519, AI969567, AI702433, AI907070, AI475134, AL036274, AI539771, AI811863,</p>

		AW235035, AI889839, AI800411, AI687362, AI921379, AI307466, AI366991, AI612913, AI499463, AW301300, AI434281, AL038779, AI345131, AI862142, AI866002, AW167776, AA508692, AI568855, AL047041, AL036260, AI270055, AW302965, AI445025, AI628205, AW074869, AI334902, AI818206, AW026882, AI269696, AI813914, AW132121, AI909666, AL043326, AI492540, AW087445, AI909662, AI561254, AI536685, AL036247, AI866887, AI610645, AI345744, AI271786, AL048871, AI799305, AI343059, AI500659, AL044207, AI349226, AI687375, AI682841, AW183130, AI569616, AI687127, AI471712, AI811353, AI620868, AI619502, AW166970, AW075351, AI859733, AL121014, AI309401, AI345860, AI907061, AI493248, AI624859, AI312542, AI274541, AI149592, AI281762, AI862144, AI580984, AL119828, AL079298, I48979, AF090900, AL110221, AL117460, AL049452, AF113694, Y11587, AF090901, AF090903, AL133016, AF113013, AF078844, AF113690, AJ242859, AF090943, AF125949, I89947, AF113691, AF090934, AL133640, S78214, L31396, L31397, AF118070, AL050393, AF104032, AL133606, AL080060, AL110196, A93016, AL050146, AF118064, S68736, AL117457, AF113676, AL137527, AL049938, AR059958, AL050149, AL133075, AF113689, AL050116, U42766, X84990, AL122093, AF106862, I89931, A08916, AF090896, AL050108, AL122050, AB019565, AF113677, AL133557, A08913, AL049466, AL049314, AF113019, AL096744, AF017152, AL080124, AL137283, AL133093, AL133080, AJ000937, I48978, AL080137, E03348, AL050277, AF158248, Y16645, AL137459, AF113699, AF111851, AR011880, AL137557, AL122121, AL133565, AF125948, Y11254, X63574,

			AL049430, A65341, AL122123, AF097996, E07361, AF146568, AF091084, U91329, AF177401, AL117394, AL050138, X82434, AL110225, AF079765, AL133560, AF017437, AL117435, U00763, AL137550, I49625, AL117583, Z82022, AJ238278, AL049464, AL117585, AL049382, E02349, E07108, S61953, AL050024, A08910, A77033, A77035, AL049300, AL122110, X72889, AL137271, A58524, A58523, X70685, A08912, I33392, A03736, AF118094, AF067728, AL122098, AF183393, E05822, A08909, AL133113, AL137538, AL049283, A12297, AF061943, AL137648, X96540, AL137463, I03321, U80742, X65873, AL137533, AC006371, AL137521, X98834, X93495, AF091512, AL137523, U35846, AC007390, AF087943, AL110197, U72620, AL080159, AL080127, I09360, AC002467, AC004690, AL096776, AF111112, U67958, L13297, AC006336, Y09972, AL137476, I42402, A93350, I26207, AR013797, Z37987, AL133568, AL137560, AF119337, AL133104, I00734, AF026816, E08263, E08264, I66342, E00617, E00717, E00778, AJ012755, AF153205, AL133098, AC004093, E15569, I17767, AF026124, AF000145, AL133072, AR000496, U39656, M30514, AL078630, AL122049, AC007172, A07647, AC006840, AL122111, AF057300, AF057299, AF061981, AL050172, AF079763, X83508, AL035067, AL133077, AL133014, AF032666, A08911, AL110280, AL137526, Z72491, AF210052, Y14314, AF003737, AF106827, U01145, U68233, I92592, AF100931, AC004686, AC007392
455	HWBAP55	872640	<p>AL121934, AA476680, R60365, H08097, AW205892, AL045556, AA113836, N41973, AA446797, AA084463, AA322549, AI557287, AA290797, AI890579, AI433416, AI338673, AI693897, AW271519, AW168746, AI810132, AI126277, AW183977, AA609171, AI275470, AI801082, AI332730, AA115640, AI082040, AI123654, N33256, AA725714,</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2347 of SEQ ID NO:455, b is an integer of</p>

456	HE2JO26	872655	15 to 2361, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:455, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 943 of SEQ ID NO:456, b is an integer of 15 to 957, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:456, and where b is greater than or equal to a + 14.	AA432112, AW302562, AA868849, AI439363, AI143642, W56777, AA921899, AI978704, AI806769, AB011118 AA774247, AA854167, AI805560, AI809094, AI435792, R32283, AI805377, AA424984, AI201302, AA496005, AI272119, AI689410, AI087276, AI432665, AA808128, AI217149, AI432925, AA886713, R32295, W90075, R67703, H43148, W90193, AW241343, R53752, AA582409, H42383, AA001927, AI698619, AA846430, AA358327, AA307239, R53753, R66100, AA743679, R32338, R32329, AA358326, AI400677, AI289490, AI061323, AF055470
457	HEGAK44	872802	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 909 of SEQ ID NO:457, b is an integer of 15 to 923, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:457, and where b is greater than or equal to a + 14.	AI290719, AI291944, AA805765, AA805772, AI041370, AA641820, AA443285, AI094486, AW016500, AI824161, AI800755, R77005, AI804547, AA831888, AA351612, R90900, AI868814, N67801, AI025758, AA385970, AA725760, N20006, AA587003, AA321819, AA336510, AA743304, AA782472, AA709276, H28173, AF091088
458	HOGCK09	872852	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3044 of SEQ ID NO:458, b is an integer of	AA628971, AA583342, AI819853, W72055, AI887350, AW069598, AA928346, AI669446, AW264574, AI245982, AA828393, AW305033, N57490, AI276045, AI399953, AI478692, AW130656, AW131233, AA204669, AA167004, AW131635, AW268530, AA253240, AA169501, W76249, AI201294, AA236320, AW276504, N68244, AA653293, W05834, AI082346,

		15 to 3058, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:458, and where b is greater than or equal to a + 14.	<p>AW270411, AA491296, AI431699, AW196819, AI752836, AA171704, AA890295, AI081318, AA909042, AI061332, AI336386, AI373431, AI262352, AA683296, AI253535, AA248297, AI831015, AW243718, AI753129, AI128087, AI584003, AA559882, AA846151, AI969795, AW316619, AI369009, AI379246, AI942247, AI302629, AW156938, AI348676, AW023413, AI082427, AA171628, AI769759, AW073259, AI400534, D29081, AW130662, AA525386, AA722978, AI246205, D60770, AA961110, AI823883, AA287414, D59894, R77605, AI433493, AA720906, AA463439, AA463506, F11830, AI253623, AI971866, N77877, T65506, AW192204, R46595, AA397433, R57190, AI924613, AA989368, Z36865, D61228, AA814299, R24070, T65426, T08496, T15472, AA293843, C13978, AI265964, H43755, AW020937, D54040, AA385423, AW364171, AI749288, AA130042, AA855107, AA287499, AA327416, R21704, R24122, AI378942, N47636, AA333318, D56344, AA328903, AW380839, C15578, AA482163, AW380800, AA362809, T16609, AA463555, F09478, AA743313, AA402444, AA834097, AA361203, AA485208, AA650077, AA658584, R77606, AA720957, AW362795</p>
459	HE9FH03	873299	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 541 of SEQ ID NO:459, b is an integer of 15 to 555, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:459, and where b is greater than or equal to a + 14.</p> <p>AA860263, AA480299, AW069296, AA446324, AA599825, AA490172, AW029524, AI755125, AI096788, AI754766, AW172689, AI989623, AW069409, AA774030, AI801341, AI955553, AI860571, AI077912, AW338077, AI092361, AI752441, AW303759, AW057654, AW068877, AI571507, AW337248, AI754375, AA513007, AI755165, AA789057, AW188962, AW438741, AI913204, AI669869, AI829344, AI829353, AI935898, AA872952, AI818582, AW022751, AI951160, AA564681, AI567732, AI634884, AW019909, AI583178, AI971623, AA666136.</p>

	AI336224, AI754743, AI672201, AI922779, AA476933, AW242277, AW069175, AI801453, AA603177, AW069076, AI754113, N25584, AI754595, AL039514, AI569955, AW151621, AA599432, AA599421, AI801456, AI096348, AI376912, AI754485, N34795, AA679349, AI801410, AA599388, AA664468, AI473965, AA621677, AI457138, AI955867, N32845, AI814833, AA506630, AI953919, AI141442, AW190939, AI753632, AA704076, AI590418, AI435232, AI755189, AI814177, AA714292, AL049060, AA398214, AI623906, AI832542, AW192381, AI074234, AW192094, AI619763, AA847448, AI192629, N64585, AW338294, AI752700, AW190031, AI559274, AI991757, AI285575, AI803951, AI097511, AI185074, AI123099, AA604642, AI969429, AA948022, AI963435, AW073859, AI753481, AI871823, AI983991, AW339033, AW192846, AW068758, AI270294, AW339130, AA668164, AI753501, AW104448, AW069261, AI582548, N67440, AA704000, AA664477, AI862345, AA872884, AW023155, AI753881, AI921202, AI755233, N94497, AI889738, AA599518, AA668157, AI584068, W95877, AA599853, AI636393, AI677637, AA399230, AW173316, AI452935, AW020043, AW069257, AW007272, AI920883, AI634960, AW043675, AI683926, AI924122, AI042248, AI520725, AI610692, AA670236, AI440182, AA669986, AI521379, AA916597, AI360651, AA788939, N68121, AA928581, N67595, AA600706, AW020009, AI445464, AI453496, AA780838, N67969, AW242188, N68023, AW020134, AW074680, AI752771, AI989430, N22402, AI961649, AI128916, AW337180, AI263257, AI955544, AI052531, AW339166, AI755130, AI224941, N75546, AW020772, AW022916, AI266565, AW022830, AW020673, AI537166, AI983633, AI752211, N67468,

460	HWLUI05	873633	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 598 of SEQ ID NO:460, b is an integer of 15 to 612, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:460, and where b is greater than or equal to a + 14.</p>	<p>AW025810, AI916358, AA583656, AL040998, AA788947, AI753110, AI754915, AW022785, AI924574, AI620752, AA971881, AI359095, AI000924, N22105, AW068979, AI352594, AI682770, AW069522, AW068314, AA178981, N75605, AW069206, N69036, AI754101, AW069776, AI301742, AW192130, AI754272, AI961907, AW023276, N66772, N70845, AI697004, AI075736, AA953597, AI356602, AI640697, N69320, AI750841, N66723, N66359, AI582438, AI147172, R35217, N68114, K01078, Z74616, J03464, AF004877, AC002528</p> <p>AI026839, AW411245, AI891128, AI872328, AA665172, AA890493, AW129756, AW245634, AI684157, AI859338, AW189855, AI568908, AI608787, AI680416, AI758809, AI857850, AI674888, AI924833, AW305120, AI913190, AI634740, AW440303, AI628534, AI684009, AW192925, AW411545, AI986418, AI816277, AI750077, AW131652, AA587110, AW245948, AI888179, AA664798, AI830196, AI471661, AW088692, AW081939, AW027195, AI431456, AW105418, AW316666, AA573764, AA548189, AI469080, AI138390, AI554291, AW172874, AI635820, AI744780, AI956028, AA773571, AW131663, AA584414, AI823724, AW102954, AI887325, AA643103, AW272580, AI564162, AI625713, AA904107, AI735226, AI189797, AI921421, AA451930, AA548978, AI434180, AW189859, AA573828, AI567285, AW166192, AI979255, AW338989, AI749226, AA477279, AI982848, AI254356, AA594939, AA876522, AA604293, AA868757, AW026875, AI857785, AI830031, AI697117, AI610880, AI805773, AI612873, AI687193, AW169125, AW316645, AI890475, AI891076, AI955336, AW273336, AI474089, AW001306, AW057689, AW193986,</p>
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		AW057817, AI912857, AI859976, AI458828, AI691018, AA599274, AI890065, AI796644, AI890735, AI686840, AA551342, AI951747, AW084001, AI858349, AI560824, AA838583, AI581152, AA188171, AI913206, AI687445, AW150081, AW130915, AA809140, AI982735, AW405990, AI697444, AA641674, AA857361, AW057682, AA523302, AI564744, AI188309, AA552651, AI002778, AI439273, AA075527, AW262628, AI041364, AI984754, AA593772, AI880734, AI801310, AA478393, AW197053, AA496892, AA205936, AA875856, AA829548, AI862708, AI610626, AW304424, AA488394, AA593776, AA595662, N63814, AA630736, AW242199, AA167275, AI683240, AW246774, AA603306, AA670036, AA548223, AA644580, AA614601, AI754745, AI332307, AA968683, AI690396, AI570953, AW191952, AA635552, AI001146, AA837949, AI357220, AA532757, AA600788, AA532721, AA888941, AA618618, AA877939, AI951447, AW104844, AI499096, AI805754, AI433212, AI284439, AA947024, AA583292, AA857081, AA737888, AA757823, AI283356, AI249815, AA523205, AA844175, AI697182, AA913217, AI246540, AA312021, AI349406, AW071038, AW169611, AI612766, AI811681, AA968644, AA523109, AI597565, AA888951, AI568242, AI041664, AW103978, AI027402, AI708239, AA633557, AA845878, AA527229, AI284482, AA640760, AI439316, AA745099, AA586990, AA730739, AI034320, AA936022, AA987723, AI284666, AI720193, AI521326, AA578404, AW392019, F31225, AA149625, AA484052, AA583334, AA490171, AI440194, AI963513, F26002, AA807874, AA847300, AA947207, AI126555, AA827579, AI889188, AW236351, AA846067,

461	HCEVS38	874164	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 868 of SEQ ID NO:461, b is an integer of 15 to 882, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:461, and where b is greater than or equal to a + 14.</p>	AA912479, AW191010, AA652089, M24194, Z33879, I21243, U03390, AJ132860, X75313, D29802, AF146043, M24193, AF025331, AF025330, A95274, A95300, I21248, I21247 AA255699, AI885808, AI188633, AW328314, AW361971, N40134, N42726, AA477809, AA865298, R67144, AA477088, AI192291, AA459424, AA434314, R80171, AA325547, AA405552, W04243, W57649, R07949, T63684, AI342717, H53212, AI955648, AA333808, AI828658, H23811, R22603, R81080, H38711, R78822, AW388174, AI884866, R74240, W85786, N32512, AA019982, N70297, T73669, AA135915, AI972675, AI570547, AI376181, AI283034, AW071718, AA975286, AI682097, AA552354, AI635434, T63360, AI498906, AA299231, AA700300, AW391439, N30364, AI291732, T95979, W79750, AA856989, AW409874, AA669858, AA491397, AA121478, AA019983, AA526398, AI278688, AA853328, AA262661, AW081274, AA722169, AA612637, AI089602, AW167516, R10676, AI208807, AA127610, T60656, H43071, AI016224, AW388175, AA156738, AA781277, AA985104, AW176072, AA122365, C00225, AA219271, AW072145, AI350490, AA595140, AA953943, AI275069, T95882, AA127513, H41247, H53105, R79317, N41696, AA579789, AA534037, AA375841, AA375981, AA375728, W81403, AW050895, R10677, AW083486, AA046378, AA854623, AI566541, AA568371, AA806824, AA838699, AI222557, AI890778, N47040, AA887642, AI969502, AA825983, AA683113, R07892, AW162991, AI085137, AI147153, R69860, AW300924, AI205997, R22604, AI349315, R66410, AI125503, AA654109, AI287633, AA368313, AW166548, AA476410, AA405561, AI871845, AI014775, AI446652, AI825000, AI567841, AA568550, AA612880, AA461116, AW196156, AR029284
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462	HE2BS79	874307	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 719 of SEQ ID NO:462, b is an integer of 15 to 733, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:462, and where b is greater than or equal to a + 14.</p>	<p>R77879, AA127382, AI810767, AI127392, AA127383, AI920982, AW080096, AI692923, AI243446, AI277951, R24113, AW014036, AA992633, H17260, AI431625, C14594</p>
463	HHMBS 4	874308	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 560 of SEQ ID NO:463, b is an integer of 15 to 574, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:463, and where b is greater than or equal to a + 14.</p>	<p>AA010644, F37343, F27442, AA643008, AA011253, AC005006</p>
464	HKABZ52	874309	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 677 of SEQ ID NO:464, b is an integer of 15 to 691, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:464, and where b is greater than or equal to a + 14.</p>	<p>C04051, AA315759, T80089, T16830, R14772, AW247403</p>

465	HCROJ11	874310	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 246 of SEQ ID NO:465, b is an integer of 15 to 260, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:465, and where b is greater than or equal to a + 14.</p>	AF088219, AL049734	
466	HWLJP34	874320	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 837 of SEQ ID NO:466, b is an integer of 15 to 851, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:466, and where b is greater than or equal to a + 14.</p>	AI831851, AW084544, AI347175, AI832159, AW083513, AW070385, AI675951, AI660499, AI269488, AI393273, AI739586, AI935546, AI431662, AI376466, AI335932, AI375749, AI080243, AI738791, AI379561, AI242668	
467	HSYDL64	874325	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 489 of SEQ ID NO:467, b is an integer of 15 to 503, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:467, and where b is greater than or equal to a + 14.</p>	T87033, T82118, T27177	

468	HCEIG78	874327	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1891 of SEQ ID NO:468, b is an integer of 15 to 1905, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:468, and where b is greater than or equal to a + 14.</p>	<p>AW025289, AI935720, AA724676, AW385203, AW243018, R15390, AW014134, AA074234, R18788, H14886, AA772066, F35935, R42130, R40003, AI628487, R13943, AI540418, AI804744, AL036574, AI675744, R88613, U45975, AB032551, AC005005</p>
469	HSOBR31	874328	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 761 of SEQ ID NO:469, b is an integer of 15 to 775, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:469, and where b is greater than or equal to a + 14.</p>	<p>AI123547, AI638611, AI332314, AI017607, AI017515, AA747554, AI123545, AA307434, W95888, N58932, AA236947, AW294479, AA188663, AW006657, AI611168, AA235883, AA907755, H49637, T86615, AW148842, W95762, H49724, T86614</p>
470	HLLCC54	874329	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1283 of SEQ ID NO:470, b is an integer of 15 to 1297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:470, and where b is greater than or equal to a + 14.</p>	<p>AI150905, AI469110, AW136470, AA228032, N63445, AW439443, AI041883, N94705, AI352190, AA621449, AA927332, Z19412, AA947780, AA939129, AI572412, R38500, AA228031, AI768828</p>

471	HE2LO76	874330	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2141 of SEQ ID NO:471, b is an integer of 15 to 2155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:471, and where b is greater than or equal to a + 14.</p>	<p>W56900, AA455511, AA827684, AA425850, AI292237, AI281884, AA496282, AA428403, N51765, AI472841, H61767, AI749054, AA634168, AA848045, AA772970, AA913803, W16849, R76331, H61768, R81746, R76660, AL047616, N46084, N46082, R81503, AI000803, R25755, AA366510, AA455510, R33471, R26595, R34005, AW273661, AA428757</p>
472	HTTIU53	874345	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 445 of SEQ ID NO:472, b is an integer of 15 to 459, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:472, and where b is greater than or equal to a + 14.</p>	<p>AD000812, AC002126</p>
473	HUFDS37	874348	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 696 of SEQ ID NO:473, b is an integer of 15 to 710, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:473, and where b is greater than or equal to a + 14.</p>	<p>AI024732, AI863537, Z43401, F06518, F08484, F05301, R25827, AL117352</p>

474	HWMAJ78	874349	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1265 of SEQ ID NO:474, b is an integer of 15 to 1279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:474, and where b is greater than or equal to a + 14.</p>	<p>AW387843, AW387920, AI669065, AI660442, AW374954, AA179299, AA581989, AW245487, AA552295, AI290916, AA970439, AA858166, AW083567, AW081312, AA143765, AA586357, AW338329, AA826707, AI673628, AW390836, AA159525, AA552252, AW272530, AI934326, AW204476, AW273045, AI934314, AI917599, AA160684, AA897788, AW084264, AI475168, AW392046, AI744458, AA308296, AA492562, AI560238, AI687723, AI347276, AI673701, AW387832, AI912950, AA179443, AA148152, AW178987, AA133671, AW178997, AI739260, AI916157, AA524518, AA327165, AA367214, AA576490, AA359392, AC004030</p>
475	HWADK27	874350	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 466 of SEQ ID NO:475, b is an integer of 15 to 480, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:475, and where b is greater than or equal to a + 14.</p>	<p>AW027126</p>
476	HCRNT71	874352	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 933 of SEQ ID NO:476, b is an integer of 15 to 947, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA745496, AI640497, AI185795, AA679299, AI630992, AW135438, AW119128, AW268573, AI694863, AA701937, AA693960, W69674, AI076392, AI302761, AA935859, AI300728, AI174503, AA773315, W69675, AA825764, AA226398, AI913505, AA226369, AF086281</p>

477	HCRQA24	874358	<p>NO:476, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 571 of SEQ ID NO:477, b is an integer of 15 to 585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:477, and where b is greater than or equal to a + 14.</p>	<p>AI752650, AL045836, AA853580, AI752804, AI752290, AB033025</p>
478	HUVC45	874362	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3456 of SEQ ID NO:478, b is an integer of 15 to 3470, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:478, and where b is greater than or equal to a + 14.</p>	<p>AI651354, AA902668, AI671714, AI660263, AI923736, AI870997, AW055188, AI597791, AI419305, AI218884, AI812004, AI184621, AI263003, AW003997, AI582873, AA398589, AI743685, AI554480, AW243444, AI650709, AI912913, AA889757, AI928338, AI016518, AI655858, AI890865, AA918563, AI479208, AW015252, AA142871, AI141504, AI439628, AW298282, AA487589, AW296920, AI348039, AI969568, AI972448, AA393378, AA488716, AI872319, AA947851, AI761843, AI018140, AI753277, AW105130, AA605233, AI656631, AI674516, AA219259, AI268912, AI218821, AA312548, AA977505, AI433319, AI750774, AA773622, N22561, N33173, AA603793, AA278683, AW020869, AI275720, AA136124, AI963022, AI219997, AA467959, AA075843, AI824937, N62723, AI240869, AA074204, AI004064, AI949016, AI609616, N27201, AA181922, AA921793, AW339771, AW079273, AA909437, AA136220, AL037622, H10307, AI750775, AA283030, AW298678, AI336597, AA219334, AI262736, AA467821, AI675214, N94333,</p>

				<p>AI962689, AA304910, AI923106, H10308, AI923101, AA610584, AW196397, N23561, W79064, AA525812, AA467960, W79278, AA384141, H13939, T39117, AI583688, AA337439, F02454, AW020276, AW272153, N41666, AA215583, H82822, AI699957, AA296400, AA774171, AA374065, R51346, F04851, H13938, AI265986, N78446, AA834424, N39945, AA808497, AA319602, AW371271, AA635866, R67972, AI913499, AI473530, AA249336, T35765, AI926163, R66887, F05731, R51453, AA214339, AA215715, AA333628, AA296441, T92452, N44957, AA186632, AA090199, AA729807, AA247419, R25968, H39536, R26772, AA352148, AA610373, T91494, N89839, F06181, AI925010, C20750, AA907845, AA903800, AW297809, AA431139, Z19610, AA214108, AI653812, AA649854, AW388311, AW388286, AW388340, N85281, AA632973, C06474, AI686813, R25574, AL040127, U29607, U13261, AB003144, L10652, AC006023, A74845, AF114784</p>
479	HRAAG89	874368	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:479, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:479, and where b is greater than or equal to a + 14.</p>	<p>AA824313, AW298121, AI671730, AI125492, AI693007, AI684764, AI379854, AI419836, AW070876, AA665983, AA777811, AI272720, AI369047, AI347852, AI301020, AI022624, AI684754, AA582422, AI702084, AA954968, AA989429, AA775688, AA665932, AW044356, D79829, D62776, AI698551, AW181996, AA976166, AW440071, W26688, D62719, AI923301, AI538885, AI521560, AI888661, AI866573, AL042944, AI539771, AI537677, AI284509, AI500659, AI801325, AI500523, AI284517, AI500706, AI445237, AI491776, AW151138, AI282249, AI500662, AI567971, AI633493, AI434256, AI866691, AI433157, AI284513, AW151132, AI888118, AI432644, AI499915, AI889189, AW151979, AI434255, AW151136, AI494201, AI804505, AI815239, AL042865, AI866465, AI815232,</p>

	AI538850, AI887775, AI582932, AI923989, AI590043, AI872423, AI289791, AI926593, AI285417, AI582912, AW172723, AI539800, AI440263, AI889168, AI927233, AI866469, AI434242, AI805769, AI500714, AI285439, AI859991, AI436429, AI623736, AI889147, AI355779, AI581033, AI371228, AI491710, AI431307, AI440252, AI440238, AI866786, AI860003, AI610557, AI431316, AI242736, AI828574, AI539260, AI887499, AI539781, AI702065, AI539707, AI805774, AI885949, AW089557, AI285419, AI559957, AI521571, AI469775, AI866581, AW074057, AI815150, AI567953, AI446495, AI867068, AI952433, AI225248, AI698352, AI371229, AI561170, AI554821, AI440260, AW151974, AI049859, AI872300, AI621341, AI690946, AI648567, AI431238, AL042853, AA464646, AL042365, AI890391, AI358271, AI538881, AI890907, AI963846, AI433976, AI866458, AI432666, AL042595, AI610362, AI371251, AI866510, AL045500, AI866461, AI817244, AI354981, AI923046, AI804515, AW194509, AL047422, AL042787, AI446139, AL048403, AI275175, AI499463, AL047398, AI589428, AI440239, AI537273, AI436456, AI567940, AI612913, AI434240, AI285826, AI863014, AI499512, AI889133, AI371243, AW084151, AI610402, AI434223, AI610429, AL042538, AI623302, AI863357, AW058275, AI567935, AI805762, AI432656, AI366910, AL039390, AI493559, AI500061, AI274759, AW029401, AL042551, H14453, AL080046, AW162194, AL080045, AI469764, AI924051, AI554827, AL042515, AI889191, AI866608, AL042533, AI539863, AI366900, AW129310, AI355008, AA602325, AI567993,

	AI343030, AA693354, AI523806, AI561177, AI049850, AA489001, AW197139, AI273179, AL047611, AI582926, AI866820, AW089844, AW161202, AI355126, AL045166, AI953562, AI620517, AI567961, AI889148, AI521596, AI436438, AL042377, AI828583, AW083804, AL036146, AI828572, AI521589, AI801589, AI537925, AI866503, AI537191, AW151970, AI371265, AL046681, AL133640, AR034821, I48978, A65340, AL122110, AL137529, I33392, AL133070, U30290, AL137480, AF032666, AL049283, I89947, AL133084, AL137276, X80340, AF106657, AF102578, AL080154, AL049314, AL133049, M92439, U77594, A08910, Y10823, AL133016, AL122093, S61953, AL110196, U87620, E12580, AL137533, S83440, AL133637, AF113699, AL133081, AL110221, A08913, S36676, Y11254, U68387, S77771, AL137665, AB016226, AF094480, I17544, AF058921, S78214, AF026816, L13297, AF087943, AL049423, AB007812, AL049452, A03736, AF057300, AF057299, Z82022, AL137712, AF177401, I48979, AL137429, AF031903, X79812, Y11587, AF118070, AL117583, AL117416, AL050146, E12747, S54890, AF002985, I89931, AF065135, AF090900, I09499, AF044323, I49625, AL050208, Y16645, AL122050, A77033, A77035, U57715, AL133053, AL096744, AL133113, AL137550, AR053103, Y10655, A08909, AF126247, AF183393, X84990, AL133608, AF090896, AL133619, Z97214, AL035458, AR038854, U58996, A08908, AL049382, AF210052, E12579, AL080140, U42766, AR068466, AL117648, A08916, M27260, AF185576, I00734, AR013797, AL136884, AL122049, AL137283, I03321, AF013249, AF111851, AL080127, AR059883, E00617, E00717, E00778, AL133015, S53987, AL117394, AL133606, AL137476, A93016, AC004213, I79595, L04849, A18777, AF118064, AF097996, AL137656,

480	HSLJR04	874369	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1875 of SEQ ID NO:480, b is an integer of 15 to 1889, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:480, and where b is greater than or equal to a + 14.</p>	<p>AL110222, AF061943, AR011880, AF017437, AR038969, AL133557, A07647, AL117440, U78525, E13998, AB008792, I77092, AB008791, U75932, AF090943, AF031147, I17767, Z37987, E07108, AL117457, AL050143, S68736, A08912, AB029065, A08911, AF110329, AL049324, AF215669, AL133080, AL110296, M22991, U55017, X67688, AL137574, AF158248, AL137658, I32738, U35846, AL080163, AJ005690, E07361, AL049347, A32826, A32827, A21103, A08907, AF113694, AF118094, AL050277, AF000301, AL133062, AL137488, AL096751, AL110218, S76508, I89934, AF113690, AL049300, AL050024, AR000496, D44497, D89079, U39656, AF143957, U86379, AL117460, AL050116, I66342, U57352, S69407, AF039138, AF039137, AL110225, AL117435, X59414, AL133565, AL122121, X98834, A15345, A30330, E02914, A30331, AR068753, AL137478, X70685, E02349, Z13966, AL137459, AF162270, AL133655, AL117585, I36502, AL049466, AL133568, AL137521, A51774, AF106862, AL110280, I68732, AF113019, X82434, D83989, AF114170, A76335, AF069506, AF118090, AL137271, I52013, A94751, AL122098, E01314, AL133075</p>
481	HNTBD52	874370	<p>Preferably excluded from the</p>	<p>D79551, D62420</p>

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			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 479 of SEQ ID NO:481, b is an integer of 15 to 493, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:481, and where b is greater than or equal to a + 14.	
482	HNTST27	874372	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 459 of SEQ ID NO:482, b is an integer of 15 to 473, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:482, and where b is greater than or equal to a + 14.	AW239382, AA171575, AA332410, T67576, AA101350, AA101254, AA081973, AA547961, AI766488, T19153, AI190097, F01398, R44578, T23712, U69195, R37405, I70264, L07872, E03234, M81871, X17459, S63463, L07873, L34543, D14041, L34544, X59129, Z36843, M81866, L07876, L07874, L07875, X58337
483	HSKJH49	874396	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 837 of SEQ ID NO:483, b is an integer of 15 to 851, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:483, and where b is greater than or equal to a + 14.	AI084624, AI979241, AI674690, AW001796, AW439437, AA176260, AA767510, AI498630, AI650765, AA827544, AA602346, N22713, AI629034, AI912527, AA788915, N48349, AI335659, AI631259, AA157848, AA576235, AA203198, AA702708, AI921184, AA159372, AA541348, AI307704, N23024, AI290103, AI631254, H99385, AI540316, AW440370, AA037341, AA523182, AW057852, AA669808, AA601990, H99337, C00261, AA079718, AI343345, H96030, H90076, AA745282, AI636729, AA903070, N50951, H25537, H25536, H25854, H81880, W31324, W15422, R08579, AA249588, AA301968, W03046, AA304742, AI902785, AI902787, AR003317

484	HOEMK72	874399	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1486 of SEQ ID NO:484, b is an integer of 15 to 1500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:484, and where b is greater than or equal to a + 14.	AA805893
485	HBKDS37	874400	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:485, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:485, and where b is greater than or equal to a + 14.	F21303, AI309080, AI313045, AI583929, AC003969
486	HJMAK37	874401	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1303 of SEQ ID NO:486, b is an integer of 15 to 1317, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:486, and where b is greater than or equal to a + 14.	AA203539, AA148118, AW069718, AW179200, AW179199, AW179127, AW179066, AW179067, AW179201, AW365271, AW375212, AI970092, AW179068, W44526, AW375210, AW375209, AW177015, AI867436, AA142855, AW387298, AI972796, AW365269, AW351646, AA471044, AW365274, AA855052, AW351586, AW176988, AW351605, AI609610, AI199285, AW365305, AA622549, AW351610, AW387243, AI953879, AW387300, AW365298, W46442, C04890, AI080586, AW351615, AW351650, T47835, AW009032, AI140272, AW375293, AW351617, AW375074, AW179130, AA715120,

487	HUSGS50	874403	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 930 of SEQ ID NO:487, b is an integer of 15 to 944, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:487, and where b is greater than or equal to a + 14.</p>	AA146940, AI569811, AA708858, AI148102, AW179187, AA954511, AI280141, AI362606, AW179190, AI022446, W44525, AW365273, AW192407, C02906, AW179198, W42590, W42655, R49375, AW003019, AI460147, AA040465, AA040769, AI286271, R12655, AA225093, AA372930, AA303268, AA040464, AA033844, AI638392, AA039986, AW083637, AW365319, AI193934, AI749576, AW375224, T47857, AA923676, AW365284, AW375227, AW365278, AW387301, AA203405, AL133035, AC004987 N30151, AW194704, AI334393, AI949076, AI890882, AW027820, AI632175, AI356379, AA594117, AA203630, AI823467, AI651286, AI276677, AI370022, AI356428, AI493393, AI288570, AW172483, AA036755, AA831078, AI027633, W84550, W28230, N40442, AA906113, AW076062, AA256336, AA458607, AA524825, AA812137, R80312, D20096, AA236380, AW137712, AI956006, AI611671, AA256337, AA844452, AI040458, AA988565, AA057371, T97621, AI825118, T97573, AI886103, H87501, AA236379, AI457303, R97822, R80208, F20270, AI083695, AA091887, N35763, AL134524, AL038878, AL045327, U46344, AW374052, AL045328, AL042898, AL134110, AL047163, AL135012, AL045494, AL042420, AL042523, AL047611, AL045891, AI318479, AL042655, AL042741, AI142134, AL037295, AL038838, AL037343, AI547295, AL038983, D29033, AL037436, AL037335, AL042931, AL048657, AL037323, AL038651, AL048677, AI431323, AL042519, AL043089, AL043321, AL042802, AL042508, AL042488, AL046356, AI431307, AL042533, AI431316, AL037727, AL037443, AL038532, AL038822, AL042515, AI623302, AI431238, AL042729, AL038761, AI432644, AL042468, AL042832, AW363350, AI432666, AL038040, AL042853,
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488	HTOJL45	874407	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1663 of SEQ ID NO:488, b is an integer of 15 to 1677, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:488, and where b is greater than or equal to a + 14.</p>	<p>AI432654, AL042842, AL043166, AI432653, AL038024, AL037435, AL045326, AL042787, AI431235, AL038041, AI431246, AI431321, AI431315, AL041955, AW081103, AI432650, AI432677, AL045817, AL040207, AL043278, AL040472, AL043941, AI431328, AL043295, AL039432, AW084068, AI431230, AL038745, AL045753, AI431231, AI431257, AI432655, AI431310, AI431312, AL042135, AL047675, AI431353, AL040576, AL039360, AL037341, AR066494, A93923, A93931, AL133053, AL122101, A93916, Y17793, AL133074, D17247, A85203, AL133049, AL133082, AF019249, AL133076, AL133068, AR023813</p> <p>AW392121, AI885485, AI159937, AW304415, AW276400, AA635938, AI246431, AW205164, AI225111, AW137547, AI161372, AI948865, AA427569, AI692826, AA478222, AI865502, AA079696, AI135355, AA424841, AA135181, AA425732, AI926084, AI874395, AA078777, AJ004856, AF099730, AF052692, X63099, M59936</p>
489	HLTGR10	874410	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1626 of SEQ ID NO:489, b is an integer of 15 to 1640, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>W91920, H95263, AA419510, AI913372, AI435134, AW130401, AI375405, AI805967, AI140314, W91921, AI342338, AI765817, AI142820, AI222817, AI081783, AI494425, AW384945, AW384882, H09398, AI143391, AI028243, H06368, R56653, N64531, AI336765, H11180, R92953, H06369, AW131817, AA125761, AW026574, R38780, H79040, H95311, Z44340, R56652, H09337, F03221, N76105, Z42199, H78553, W05400, F06954, T80102, H11092, R92954, F01727, AA642748, F03472, R57250, AA127039,</p>

490	HWLQF84	874411	<p>NO:489, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:490, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:490, and where b is greater than or equal to a + 14.</p>	<p>AA732445, AA811541, AF052181</p> <p>AW007778, AA777636, AI609948, AW076025, AW272238, W92797, AA496251, F19306, AA704226, AA564616, Z24871, AI696766, T83790, AI474594, AI540776, AL117537</p>
491	HCQBD69	874413	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:491, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:491, and where b is greater than or equal to a + 14.</p>	<p>T84308, T81666, AA344382, T81527, AA631021</p>
492	HATBE07	874414	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 763 of SEQ ID NO:492, b is an integer of 15 to 777, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI868039, N30147, AI671011, AW001046, AW292566, AA416681, AA449503, AA550918, AA508835, AI202156, H03076, F10876, R15110, F29564, H03264, R38188, H03078, R37579, F10877, AI419359, AA319552, AC004148</p>

493	HCQDD86	874416	<p>NO:492, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 550 of SEQ ID NO:493, b is an integer of 15 to 564, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:493, and where b is greater than or equal to a + 14.</p>	<p>W02933, C16882, AA040896, AW297592, W31790, AI150688, Z25917, AA744862, D80022, C15076, C14389, AW085024, D58283, D59619, D80210, D80240, C14331, D59467, D80166, D81030, D80043, D59502, D80219, D80164, D80212, D80391, D59787, D80195, D59859, D59275, D51423, D50995, D51799, D80253, D80227, D80196, D80193, D80024, D80188, D59927, D57483, AW377671, D80269, D80366, AA305409, D80038, D50979, D59889, C14429, D59610, D80378, D80045, D51060, D80522, D80241, D80251, AI880633, T03269, AW178893, C14014, D51022, AW179328, C75259, AW378532, D81026, AW177440, AA305578, AW369651, D80134, AW178775, D80168, D80133, C14407, D80248, AW178762, D51250, AA514188, AW352158, D80949, D80132, D58253, AI910186, AA514186, AW177501, AW177511, D80247, AW360811, C14227, C05695, D81111, AI905856, AW352117, AW176467, AW378540, AW375405, D80268, Z21582, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW352170, D80439, D59373, AW360834, D80302, AW352171, AW377676, AW178906, AW177505, AW177731, AW178907, AW179019, AW179024, D59627, D80258, AW179020, AW360841, AW178909, AW177456, AA285331, AW179329, AW352174, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, D51097, D80157, C14077, AW179004, AW179012, AW178914, AW378525, D51103, AW367967, C06015, AW177722, AW177728, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, D58246, D59503, D80064, AW178983, AW352120, D80014, D58101, T11417, AW178781, D59653, T48593, H67866, C03092, AW177723, AA809122, AI557774, AW177508, F13647,</p>
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494	HUCNE27	874417		<p>D45260, AI535850, C14975, AW378533, T03116, AW367950, H67854, AW378539, AW177497, AI525923, AW178986, T02974, AW177734, C14344, AI557751, C14298, AI525917, D59317, D45273, D51221, D51231, D51213, C14973, D60010, D59474, AI535686, AI525920, AI535961, AA514184, C14046, D5951, H67858, C14957, D60214, AI525227, C16955, AI525235, T03048, D59695, Z30160, AI525242, Z33452, AI525912, AW378542, AI525925, AI525215, C05763, AC007899, AR018138, A62300, A84916, A62298, AJ132110, AF058696, A67220, D34614, D89785, X67155, D26022, Y17188, A25909, A78862, AR008278, D88547, AB028859, X82626, Y12724, AR025207, AR060385, A82595, A94995, AB012117, AB002449, AR008443, A85396, AR066482, A44171, I50126, I50132, I50128, I50133, A85477, I19525, A86792, U87250, X93549, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, AR066490, A43192, A43190, AR038669, AR066487, I14842, AR054175, A30438, I18367, D88507, D50010, Y17187, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AF135125, AR016691, AR016690, U46128, X68127, D13509, A64136, A68321, AR060133, I79511, AB023656, U87247, AB033111, U79457, AF123263, AR032065, X93535, AR008382</p>
494	HUCNE27	874417	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 759 of SEQ ID NO:494, b is an integer of 15 to 773, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>T84735, R34768, AA229550</p>

495	HCRNL83	874422	<p>NO:494, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:495, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:495, and where b is greater than or equal to a + 14.</p>	H06384, R18899, Z44266
496	HCRNJ94	874423	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 431 of SEQ ID NO:496, b is an integer of 15 to 445, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:496, and where b is greater than or equal to a + 14.</p>	AC009399
497	HCROK63	874424	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 603 of SEQ ID NO:497, b is an integer of 15 to 617, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI015612, AA317841, AI624575, T03365, F08847, AL135117, AI266062, AI194070, T32043, AI651726, AA769451, AA478523, R43356, AI420508, AI696266, R49018, R43553, AA706697, AA814256</p>

498	HCQDC45	874426	<p>NO:497, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1175 of SEQ ID NO:498, b is an integer of 15 to 1189, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:498, and where b is greater than or equal to a + 14.</p>	<p>AI807206, AA456258, AI379869, AA040053, AA489238, AA491881, AI591236, AA454645, AA743491, D62113, AA348495</p>
499	HCYBG26	874427	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 382 of SEQ ID NO:499, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:499, and where b is greater than or equal to a + 14.</p>	<p>AA305281, AW188435, AA865072, AF118637</p>
500	HCRNV56	874428	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1295 of SEQ ID NO:500, b is an integer of 15 to 1309, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA478228, N27860, AA278201, N29624, N40633, AI061059, AI239749, AI239694, AI191282, AI287597, AA282735, AA477830, C02638, AA278669, AA282736, N41628, AI919327, AI147062</p>

501	HCYBL48	874432	<p>NO:500, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 930 of SEQ ID NO:501, b is an integer of 15 to 944, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:501, and where b is greater than or equal to a + 14.</p>	<p>AL049129, T10241, AA305569, AI124527, R26487, T54193, AI918254, AI866497, AC007707, AL049175, R33063</p>
502	HTODN93	874433	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 650 of SEQ ID NO:502, b is an integer of 15 to 664, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:502, and where b is greater than or equal to a + 14.</p>	
503	HWLQK42	874435	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:503, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AW070344, AI805087, W92687, W92830, AI083823, AI085548, AI083824, AW150070, AW192716, AA775561, AW172659, M91217, AI393090, AW137263, W05570, F33371, R70460, AA339837, AI564511, AW380993, AA377546, AI924106, AW192211, AI825277, AA301724, AI619600, AI783751, AW190639, AW025095, AL110261, AF086482</p>

504	HODDJ01	874436	<p>NO:503, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 533 of SEQ ID NO:504, b is an integer of 15 to 547, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:504, and where b is greater than or equal to a + 14.</p>	R17798, Z46181, F07399, AI861887, AL078621
505	HNTDB90	874437	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2069 of SEQ ID NO:505, b is an integer of 15 to 2083, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:505, and where b is greater than or equal to a + 14.</p>	AL041443, AW364832, AI701163, AA703268, AI922882, AW250751, AW176631, AW384906, AA977160, AI827503, AA836106, AA031993, AW364830, AA877105, AA029769, AA857717, AI097192, AW078802, AW439369, AI679300, AA307181, AW364828, AA017441, AA814838, AI149119, AI984542, AA088220, AA693617, AA642435, AA029770, AA693727, AA219350, AA701369, H10480, AI339809, AI342040, AA278400, AA679040, AI076284, H11320, AI598085, AI679645, AA169833, AW391744, AA774000, AA705303, AW169610, AI523750, AA555045, AI560150, AA132358, AA132238, H09723, AI263297, AI242620, AI888557, AI264388, AI467876, AI937736, AW073908, AI831021, T10347, AI679877, AA903261, AW088051, AI956162, AW378474, AW105100, AA730801, AI289089, AA693705, AW449744, AA890170, Z19430, AA169653, AA768954, T10346, R73748, N50800, AW367623, T16287, AW372230, AA53714, R56996, T78632, AA471222, AW303560, H09804, AA528730, AI193292, D19681, AA504409, AI572476, AW118415, AI625091, C14104, AA031922,

			AI469393, AW383894, AA280352, AI862986, T79117, AA171744, H85873, AI473520, D57425, AW265702, AW265652, H09893, AA515950, AA278168, AW383887, AA187785, AA634073, AA171956, N55157, AW384891, AI858809, AA865810, AW383899, AW265651, R40722, H86006, AW379222, AW364831, AW246896, R20540, AI824458, AI912510, AI651840, AI863002, AI538566, AA716464, AI521005, AI479292, AI818204, AI568967, AI636507, AI696619, AI688848, AW264727, AI095003, AI927233, AW079148, AI696714, AI620056, AI624624, AA491505, AA830022, AA582029, AL049053, AW004606, AA832315, AI446511, AI364167, AI538564, AI915291, AI500714, AW152182, AI698391, AI582932, AI590043, AI889189, AW075382, AI678623, AI866469, AI474699, AI784214, H89138, AI621341, AI884318, AA731640, AI638644, AI570056, AI868680, AI370623, AW104141, W74529, AI539260, AI634737, AW082530, AI803786, AI701097, AI499570, AF090384, U35832, AF079566, AF110957, U35833, AB015337, AR038854, AR050959, AF080068, A58545, AL137716, AL137550, D44497, AL137463, X59813, X78627, AL133049, AJ005870, AL049452, I89947, A41579, U72621, U95114, AR034821, L35261, AF199509, AF126372, AL137530, Z82022, X68249, AF047716, AF124396, AF008439, AI5345, A08456, A31057, U70981, AF038847, A77033, A77035, AL117587, U97675, AL133062, AF044323, I32738, A52184, X68560, AF137367, Z97214, AF103804, AL137711, AL110269, A23327, AL049276, L10730, AF087943, AF126488, AF125948, X69026, M79462, AF115410, X83544, E12806, E00984, I04527, AF082324, U57352, Y14634, U35846, AF116573, AF032666, AJ004832, AC007043, S65585, AR016802
506	HFPBQ02	874438	Preferably excluded from the
			AI310512, AI017928, AI126428, AW183671,

507	HTXSK90	874447	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1220 of SEQ ID NO:506, b is an integer of 15 to 1234, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:506, and where b is greater than or equal to a + 14.</p>	<p>AI769482, AI278244, H98700, AI276464, AI804304, AA150603, AA932025, AA150714, AA634250, AI693144, H15730, AL079931, AA018551, T71559, AI202638, AI669430, Z30167, AA583318, C15865, F11286, AW206756, AI824461, AI927394, AI676140, R22715, AI093716, R20421, AI080371</p>
508	HTECD58	874449	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 632 of SEQ ID NO:507, b is an integer of 15 to 646, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:507, and where b is greater than or equal to a + 14.</p>	<p>AI032786, AI127382, AW296271, AI660953, AI582209, AA460965, AI376115, AI023644, AA461274, AI016900, AA767046, H00465, AA815039, R05714, H11254, AI868663, AA300091, R05715, AW403510, AA815462, AA235654, AW292253, W24933, AA628366, N93714, T49554, H00515, T49555</p>
509	HWLQH59	874452	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2243 of SEQ ID NO:508, b is an integer of 15 to 2257, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:508, and where b is greater than or equal to a + 14.</p>	<p>AI217906, AW195775, AW195785, AA453351, AW386766, AA305356, AW082713, AW082701, AI795920, AI888047, AI439162, AI560009, AA995922, AI027616, AA453250, AA931063, AA463611, AW271381, N70413, AW085226, N23186, AA307663, AW008346, D78724, N94104, N39404, R72697, AA463258, AA262496, D61644, AI955116, N69284, H96507, AA009470, AA384388, R72625, D81170, AA911484, D80814, N48519, N32651, N41472, AA262490, AA705711, AA299338</p>
			Preferably excluded from the	AI128388, AI086103, AI796014, H04253, AI687030,

<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 687 of SEQ ID NO:509, b is an integer of 15 to 701, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:509, and where b is greater than or equal to a + 14.</p>	<p>F24953, AL134524, AL045328, AL038838, AL037436, AL038983, AL037323, AI142134, AL042898, AL037727, AL039643, AL038745, AL037343, AL047163, AL037335, AL079852, AL037295, AL134110, AL037443, AL038532, AL037341, AL045989, AL047037, AL044125, AL038822, AL037435, AL040193, AL043941, AL044162, AL041347, AL047012, AL040621, AL043538, AL043496, AL043923, AL043814, AL041238, AL044186, AL040617, AL041324, AL040463, AL043845, AL047170, AL038761, AL044037, AL045327, AL041635, AL040294, AL044064, AL040464, AL041459, AL041577, AL047219, AL041098, AL040625, AL040576, AL045684, AL041752, AL045753, AL046850, AL040768, AL046994, AL046914, AL040052, AL040510, AL043467, AL040444, AL043677, AL040839, AL047183, AL043492, AL041602, AL044074, AL041246, AL041730, AL041523, AL043627, AL041374, AL043848, AL043570, AL040472, AL042135, AL046442, AL045857, AL041133, AL045671, AL041955, AL037279, AL040322, AL039316, AL041296, AL041096, AL046392, AL041163, AL040119, AL039360, AL044272, AL041086, AL044258, AL042096, AL041168, AL041159, AL047057, AL045920, AL040148, AL049018, AL041358, AL040458, AL044187, AL041233, AL040075, AI547295, AL041292, AL041346, AL045990, AL045817, AL040571, AL041142, AL040332, AL039338, AL040529, AL079878, AL041197, AL046330, AL040745, AL040370, AL040149, AL041344, AL044274, AL040128, AL044199, AL047036, AL040342, AL040553, AL041186, AL039432, AL040414, AL041277, AL039744, AL040285, AL040155, AL040091, AL044165, AL041131, AL040090,</p>
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	AL041051, AL040168, AL044201, AL043775, AL046327, AA585439, AL040253, AL041227, AL040082, AI546921, AL043444, AL040329, AI541356, AL041278, AL038651, D29033, AL040263, AI526186, AI557864, AL040255, AI526176, AI547006, AL040238, AL038878, AL045211, AL045725, AL041140, AI535813, AL079977, AL039915, AL043612, C16305, AL048677, AI541506, T41289, T18597, AI547039, AL044529, AI526194, U46344, AI525500, AI526073, AI540920, AI525556, AI318479, AI540974, AI557084, AI547291, AI541205, AL040385, AL049069, AI526187, AA585453, AL135012, AL042523, AI547250, D59436, AI557262, AI546971, AI557731, AA174170, AA585476, AI526184, C15737, AL045494, AA585098, AI546855, R28967, R29218, R28895, AA283326, T10982, AA585325, AI557808, D60844, R28965, R28892, AI541346, AL042420, R29262, C06219, T11028, AI557238, AI546891, R45895, AR064707, AJ238010, AR066494, I08396, I08389, A93923, D17247, A93916, Y16359, A93931, A58524, A58523, D13509, A93016, AR035975, AR035977, AF082186, AL122101, A85203, AL133053, Z32836, E13740, X81969, I05558, A60212, A60209, A60210, A60211, A86792, D50010, AJ244003, AJ244004, AJ244005, A98767, A20702, A93963, A93964, AR062872, I63120, AR062871, AR017907, A43189, AR062873, A43188, A20700, A25909, A98420, A98423, A98432, A98436, A98417, A98427, D78345, E03627, I48927, A35537, A35536, A02136, A04664, A02135, A04663, I84553, I84554, E17098, I06859, A18050, A23334, A75888, I70384, A60111, A23633, AR007512, I62368, I05845, A81878, A22739, AL133074, AB025273, AR038855, A22738, A90655, D13316, A02712, A77094, A77095, A95051, A18053, A64973, I03331, AR031566, I00682, A11245, A11624,

				<p>A11623, E00609, A11178, E01007, I13349, A10361, AL133082, AL133049, A16035, AR043601, A85395, A70872, A85476, I44681, X83865, I19525, A84772, A84776, A84773, A84775, A84774, AR067731, AR037157, AR054109, AR067732, A58522, A91750, AR063812, AJ230845, M28262, AF149828, Y14219, I15718, S60422, I01995, E12615, A02710, AR035193, A92133, E14304, A07700, A13393, A13392, AR031488, I13521, I52048, A27396, I25027, AR027100, I49890, I44531, I28266, I21869, I26929, I44515, I26928, I26930, I26927, A91965, I44516, A70040, E16678, A82653, I08051, E16636, I15717, A22734, A24783, A24782, A95117, AJ230935, AJ231028, AJ230972, A06631, I33632, AR035974, AR035976, AR035978, AJ244007, I08395, E03654, I66495, I66494, I60241, I60242, I66498, I66497, I66496, I66486, I66487, AJ230902, AJ231009, AR023813, AR054723, I03669, I03668, AJ230867, AR051957, AJ230951, A20699, E00696, E00697, E03813, I66482, AR009151, I66485, I66483, I66484, AR038066, AR027099, A05993, A05991, AR051651, AR051652, AL133076, AL133068, AJ230996</p>
510	HHEPP22	874455	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 331 of SEQ ID NO:510, b is an integer of 15 to 345, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:510, and where b is greater than or equal to a + 14.</p>	<p>AA534892, AI803520, AA112679, AI383031, AA766268, AA779737, AW380003, AL038605, AA420722, AI284517, AI538342, AW129271, AI866573, AL037582, AL037602, AI371251, AL047344, AI923989, AL043632, AI784230, AI922561, AI567582, AW079334, AW079572, AI702013, AI421149, AI866458, AW029263, AI539028, AI564259, AI587121, AI699255, AI913452, AI815855, AI690426, AI669864, AI918449, AI360195, AI633061, AI683492, AW029457, AI765469, AI480118, AI912434, AI609593, AI349964, AI567814, AW195968, AW189189, AA658033, AI658566, AI674838,</p>

	AI686081, AI452857, AI538850, AI887151, AI499570, AW192976, AI554818, AI912533, AW007833, AI671931, AI560010, AI857724, AI620056, AI862024, AI912435, AI610822, AI799472, AW189802, AI653979, AI345666, AW079859, AI624950, AA827691, AL047854, AI887163, AI560184, AI648699, AW163834, AI418970, AW023338, AW078729, AW020381, AA857847, AI691088, AI568114, AA731711, AI349958, AW079818, AI539723, AA572758, AI288285, AI624938, AI866691, AI702527, AI567501, AA862485, AI267162, AL041150, AI697359, AW089844, AA805708, AI560844, AI355779, AI638644, AW263804, N25033, AI630252, AI285439, AI289791, AI356929, AL120300, AA746507, AI493858, AI433611, AW172607, AW303074, AW008353, AW304652, AI610399, AI471429, H89138, AI954200, R06685, AI868204, AI686589, AI950100, AI582871, AA528822, AI805688, R39624, AI469516, AI565172, AW084097, AI421662, AA808175, AI698391, AI628711, AI802998, AI683897, AI815233, AI630947, AW129264, AW081383, AI824375, AI597805, AI524179, AI521560, AI457113, AI309306, AA835970, AI559863, AI687568, AW189965, AI918634, AI884318, AI368043, AW025279, AI096771, AI571439, AA975952, AL043196, AI886181, AI419826, AI758445, AI539071, AI635634, AL037081, AW008226, AI811631, AI925028, AI610671, AI564290, AI863002, AW192363, AL120700, AI863047, AI371984, AI969655, AI933727, AI539260, AW148882, AI453328, AW262983, AI824503, AI440239, AW104141, AI244380, AI167231, AL121270, AI095003, AI500714, AW074374, AI586931, AI491710, AW007580, AI874004, AA693354,

			AL041562, AI628284, AI537643, AI273886, AW084368, AI923559, AI564620, AW149925, AA761573, AI627714, AI679487, AW051088, AW161202, AW118448, AI569440, AI954721, AI679261, AW268067, AI367328, AW081917, AI249389, AI628325, AW172981, AW074236, AI358200, AI886016, AI342023, AI355613, AW084801, AI623682, AI446511, AW002698, AL036255, AI915291, AI683292, AI500061, AI696714, AI370623, AI591228, AF162270, AL035587, AC002287, AP000250, Z82206, AF032666, AL117440, AC005156, AC005048, AL032822, AL022147, AL022165, AP000020, AP000211, AP000133, AP000030, AC006203, AC005940, E06743, AC006115, AL133623, AF042090, U36585, A65341, Z49258, AL137627, U95739, AL034417, Z82022, AC004989, AF153205, AP000130, AP000208, Z83840, AC006222, AP000247, AC006112, AP000697, AL096776, AC004797, AF067728, AC002464, AC004837, AF061573, AC009501, AC006336, AC004057, AL117587, AR013797, AC009233, A77033, A77035, AC006299, AL031295, AF038847, AF090901, AC006039, AL050393, AC005886, AC007392, AC004383, AC002301, AF097996, AC002472, AC007114, AL133445, AL035407, AL021393, AC004878, AL049557, AL050172, Z97214, AC005091, AC004690, AL035458, AC006501, AC002558, AC000052, AL136130, Y10936, AF145233, AL049430, AC009286, AL133084, AC004987, AF095901, AL133014, AC008014, AL137471, AC007869, AC004808, AC018767, E12579, AC006288, AC007056, AC007390, AL035464, AL035067, AC005291, AL080146
511	HLDDD01	874458	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>

			the general formula of a-b, where a is any integer between 1 to 953 of SEQ ID NO:511, b is an integer of 15 to 967, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:511, and where b is greater than or equal to a + 14.	<p>AW163255, AI349083, AI929284, AI340991, AW299522, AW299513, AI912836, AI341293, AI650609, AA279840, AA132529, AW074796, AI307481, AW301440, AI420833, AA132590, AA279903, F36954, F29823, AW370022, AA618529, F36948, AW299502, F36952, AI962519, F26420, AI915440, T24436</p>
512	HWLRA47	874459	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:512, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:512, and where b is greater than or equal to a + 14.</p>	<p>T85523, AA312283, F06560, Z99396, AW392670, AW384394, AW372827, AW363220, AL119443, AL119497, AL119319, AL119457, AL119324, U46341, AL119496, AL119355, AL119396, U46349, AL119341, AL119483, AL119484, AL119363, AL119391, AL119335, U46350, AL119522, AL036418, AL038837, U46351, AL119399, AL037051, AL036725, AA631969, AL119418, U46347, AL119444, U46346, AL036858, AL134527, AL042614, AL037205, AL119439, AL042551, AL042975, AL134518, AL042433, AL042965, AL134902, AL039074, U46345, AL134920, AL134528, AL042984, AL036924, AL119488, AL039912, AL134538, AL042970, AL042450, AL042542, AL038509, AL042544, AL043019, AL043029, AL036190, AL037085, AL036767, AL037094, AL043003, AL037077, AL036774, AL037526, AL036196, AL037639, AL037082, AL119464, AL038520, AL036268, AL037027, AL036998, AL038851, AL036733, AL036765, AL037615, AL036191, AL036679, AL036886, A81671, AR060234, AR066494, AR023813, AR064707, AR069079, AR054110, AB026436</p>
513	HCRMX57	874460	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 501 of</p>	<p>N72353, T97421, AL133353</p>

514	HFPEC02	874461	SEQ ID NO:513, b is an integer of 15 to 515, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:513, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 481 of SEQ ID NO:514, b is an integer of 15 to 495, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:514, and where b is greater than or equal to a + 14.	AA665310, AI367951, AA313588, AI565593
515	HMEEI02	874467	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:515, b is an integer of 15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:515, and where b is greater than or equal to a + 14.	R88606, AA425967, AA485522, AI989388, H14288, AL043020, Z92544
516	HKCSZ54	874468	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1161 of	T05569, AC005815

517	H2CBM49	874469	SEQ ID NO:516, b is an integer of 15 to 1175, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:516, and where b is greater than or equal to a + 14.	AA307756, W03805, AA309459, AA492105, AA501614, AA251356, F29520, AA872564, AA845804, F16979, AA527209, AA626823, R46803, AC004883, AC004967, AC002558, AL096791, AC002351, AP000512, AC002288, AC003662, AC009247, AL050318, AC002300, AC006544, AC005015, AC004491, AL031680, AC002073, AC005800, AF069291, AC006270, AF111167, AC004605, AC005291, AC005500, AC007371, Z97054, AC006241, AL135744, AC005049, AL035685, AC007688, AJ003147, AC006064, AC005225, AC007216, AL024498, AP000355, AC005971, AC004000, AL035460, AL096701, AL121658, AL049709, AC005081, AC004797, Z83822, AF111168, AF165926, AP000144, AC005914, AC005088, Z97053, AC004526, Z98036, AL122020, U91326, AC005803, AC004813, AC006211, AC007390, AL121603, AC009516, AL080243, AF001550, U47924, AC012085, AC005037, AC004985, AL049776, AL031848, AC006120, AL031685, Z95115, AC006449, AC005530, AL031591, AJ229043, AP000117, AC005209, AC004125, L44140, AC007298, AC005695, AC007676, AC005089, AC005527, AL049869, AC007637, AF053356, AP000555, AC006039, AC004686, AC006057, AC002044, AC002563, AL008627, AF205588, AC005071, AC000025, AF003626, AC007546, AF134726, AC005746, Z99943, AC005529, U80017, AC016025, AJ246003, AL008726, AC004253, Z84480, AC005193, AC006277, AL034420, AL133246, AC004383, AL049712, AC003009, AC005399, AC005488,
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518	HUVGR86	874470	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1494 of SEQ ID NO:518, b is an integer of 15 to 1508, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:518, and where b is greater than or equal to a + 14.</p>	AL022725, AC005874, AF134471, AC004815, AB000882, AC004998, AC007240, AC006077, AC007151, AL132777, U91323, AF126403, AC002477, AC005924, D87675, AL035587, AC006441, AC005972, AC007731, AC005703, AC006946, AL021391, AL049765, AC004895, AL031774, AC005519, AC005696, AL139054, AL049780, AC002365, AC007055, Z99716, AP000346, AL035086, AC002565, AC007542, AF030453, AC005921, AL031985, AC002470, AC003982, AC007999, AC005331, AC006006, AC005725, Z98051, AL035555, AC002404, AF109907, AC006071, AL034549, AF001548, U95740, AL096712, AC005410, AF002223, AL023353, AC004685, AL035420, AL109758, AF067844, AL121754, AL022316 AL039245, AI955098, AI857804, AI355557, AI469403, AW249170, AW167089, AW264538, AI922792, AI090862, AA614415, AW015755, AI970459, AI589853, AW302158, AI591130, AI990223, AI860824, AW248743, AA954810, AI652051, AI634311, AI739259, AI886436, AW196771, AW078970, AA908313, AI798561, AI611669, AA506437, AW079611, AI912359, AA131747, F37324, AW183471, W19261, AA679753, AW264730, F27752, AW339361, AA514635, AA962100, AA330885, H91413, AI869375, AI829609, AW297389, AA465711, AW050424, AA131835, AA355811, AI587515, AI493248, AA583508, AI933589, AW263823, AI289791, AW169604, AA969375, AI865289, AW059765, AI866770, AI801152, AI802542, AI586931, AI955906, AI565172, AI954721, AW151136, AI345688, AI114703, R81679, AI640704, AI538885, AW118518, AI799183, AW025279, AI915207, AI473536, AW176261, AW029457, AL037582, AL037602, AI251221, AW089275, AW022682, AI491710, AL046944.
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	AL138406, AI653829, AW410842, AI473451, AI432085, W60528, AA808175, AW161402, AI355613, AI587209, AI648509, AI628711, AA659314, AW081036, AI499890, AL039430, AI859644, AI446511, AL036988, AI095003, AI638644, AL043152, AI493576, AW148363, AA504514, AW193236, AI538764, AI633125, AI361319, AW129106, AI613038, AI283760, AW055252, AI524179, AW131282, AL036673, AW022102, AI915291, AI954475, AI680221, AI431975, AW088698, AI440238, AA830821, AI309306, AW410259, AI698391, AW169527, AI554821, AI923370, AI889189, AI921633, AA641818, AW243886, AI927233, AI699865, AI559863, AW089006, H89138, AI554343, AI445620, AL046466, AI623941, AI500061, AI690410, AW008353, AI524654, R28164, AI539260, AI274745, AI784214, AI620056, AL040011, AW083750, AI648699, AI281757, AI275163, AI270295, AI819545, AI270706, AI432644, AI802244, AI471282, AI690813, AW194014, AW088560, AI371984, AW051088, AI890907, AI627360, AI621341, AW104141, AW192687, AW079432, AI619817, AI401697, AI538564, AI553645, AW403717, AI624548, AA464646, AI916419, AW152182, AW262026, AL038605, AI474646, AL118781, AI285439, N22276, AA761608, AI582932, AI923989, AI590043, AI872423, AW148356, AI537677, AI699020, AI866162, AI434731, AI521560, AI500662, AI648494, AI333104, AI471429, AI452560, AI866780, T69241, AL046931, AI479292, AI866469, AI860027, AW167086, AI590020, AL040205, AA502794, AI500714, AW188693, AI279925, AI635032, AI368816, AI884318, AI859991, AI800370, AW080920, AI889256, AW238688, AI581033, AW103628, AI439452,

	AI570056, AL043355, AI269205, AI954422, AI932794, AI569975, AI860003, AI554344, AW079409, W74529, AI917428, D63481, AF090900, AJ005690, I48978, AL110221, X59414, U00763, AL117416, A03736, X66862, AL050024, I29004, X66417, I89947, AL122104, AL137459, AL137530, AF124728, AL133665, AF013214, AL137533, AF118090, AL110280, I03321, E04233, I09499, AL050092, AF182215, AL117587, X98834, AR038854, A08913, AL110158, AL122121, I48979, AL133640, AF017790, A08912, A08911, AF067728, E12806, AL117435, S76508, S78214, X82434, AL137523, AL137271, E12747, AF017152, AL133560, AL137539, A08907, Z13966, AL133075, AF002672, A08910, AL137627, A08909, AF017437, AF175903, A77033, A77035, AF132676, E02349, AF061836, AL050172, AF176651, U87620, AL096744, AF039138, AF039137, AF044323, AL133568, AF114168, Z97214, AL110218, AF179633, AC004686, Y10655, AL137521, A08908, AL080159, L31396, L31397, AL122050, I79595, AF002985, L04504, AF102578, AF113677, Z82022, M85164, AJ242859, AF094480, AL050155, AF139986, AL133619, AB019565, I32738, A18777, I89931, AF113690, AF111851, E01314, AL117457, S77771, AL096720, AL117394, AL137488, I49625, AR020905, AF038847, AL137478, A76335, AF069506, AL110296, AL117460, Y09972, AL137558, U72621, AR034821, U42766, AL133565, AL137548, D16301, X83508, AF145233, A86558, AF118064, A65340, AL133080, AR029490, AF047716, AF043493, AF090903, U37359, I66342, U78525, AL050393, D83032, I89934, D83989, U01145, A92311, AL122049, AF108357, AF015958, AL110228, AF090901, A21101, AC003032, AC004822, AL137537, AL050170, AL122110, AR013797, AF090934, AF097996, U67958, AF087943, AL049382, X52128, AR060156, AL133016, AL080118,

519	HCYBN52	874472	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 578 of SEQ ID NO:519, b is an integer of 15 to 592, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:519, and where b is greater than or equal to a + 14.</p>	<p>U75932, AF067790, AF028823, AF113689, S63521, Y16645, AF118094, S36676, Y11587, AF065135, AF113699, Z72491, U02885, AF106827, AL117583, AF183393, AF159615, AF159148, A93350, Z37987, AL137529, AL096751, E01614, E13364, AL137480, AF032666, AJ012755, M92439, AC007298, X61970, AR068753, L04849, S83456, S68736, A08915, AL023657, AL110224, AF061573, U77594, AR022283, AF113694, AF100781, AL049283, A76337, Y13350, AL137258, I46765, AF200464, AF169154, AL050116, E06743, AL049452, Y07905, AF079765, A08916, AL137292, AL117432, AL137479, L13297, X66871, AF031147, AF153205, M27260, AJ003118, AL136842, X65873, AL133112, AL049347, AC002467, I22272, AL080060, AL049938, AL133093, AF118070, U92068, AF141289, AL080110, AL080234, AL137711, U62966, AF185576, AL050138, X93495</p> <p>AA305496, AA436754, H80977, C14389, D81026, D59927, D80212, D80522, D81030, D80391, D59787, D58283, D80248, D80045, D59859, D59502, D80196, D80022, C14331, D80166, D80195, D80043, D59467, D51423, D59619, D80210, D51799, D80164, D59275, D80240, D80253, D80227, AA305409, D80188, D80133, D50995, D51022, C15076, D80219, AA305578, AW377671, D50979, D57483, D80269, D59610, D80038, D80366, D59889, D80193, D80024, D80378, D80268, AA514188, AW177440, D80251, D80241, AW179328, C14429, AW178893, AA514186, D51060, T03269, AW360811, C75259, C14014, D80134, D80132, AW378532, T11417, AW375405, AW177501, AW177511, D59373, C05695, AW178762, F13647, AW366296, AW360844, AW360817, D51250, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D58253, AW178775, D80302, AW178906, D80157, D80439, AW369651, D80247, AW352158, AW352117, AW176467, AW352171,</p>
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	AW377676, AW352170, AW177731, AW178907, AW179019, AW179024, AI910186, AW177505, AW360841, AW179020, AW178909, AW177456, AW179329, D59627, AW378528, AW178980, AW177733, AW178908, AW178754, AW179018, D51213, D51759, D51103, AW352174, AW179004, AW179012, AW378525, AI905856, AW178914, D80258, AW367967, D58101, D80014, C06015, AW177722, D59503, AW177728, AW179009, AW378543, AW360834, AW178983, AW178774, AW178911, AW352163, AW378540, T48593, D58246, Z21582, AW178781, AI535850, AW352120, D59653, D45260, D59474, C14227, AW177723, D80064, AA285331, D81111, AW367950, D51097, C03092, AW177508, T02974, H67854, C14975, AW378533, H67866, AA809122, AW178986, AW177497, AI525923, AA514184, C14973, AW177734, D80228, T03116, AI525917, D59317, D45273, C14344, C14407, D51221, D60010, AI525920, C14046, AW378539, AI535686, AI557774, C14957, D59551, AI557751, AI525227, D60214, AI525235, C14298, T03048, D80168, AI525912, AI525242, AW378542, AI525925, AI525215, AI535961, C16955, C05763, Z33452, AI525222, AW360855, AI525237, H67858, C04682, T02868, D31458, D59695, AF058696, AJ132110, A84916, A62300, A62298, AR018138, AR008278, AB028859, D26022, X67155, Y17188, A25909, Y12724, A67220, D89785, A78862, D34614, D88547, A82595, A94995, X82626, AR060385, AB002449, AR016808, AR008443, AR025207, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066487, AR066490, AB012117, A30438, I14842, AR054175, I18367, D50010, X68127, Y17187, A63261, A85396, D88507, AR066482, A44171, X64588, AR008277, AR008281, A85477, AR008408, I19525, A86792, AR062872,

520	HDPFO58	874473	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 554 of SEQ ID NO:520, b is an integer of 15 to 568, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:520, and where b is greater than or equal to a + 14.</p>	<p>A70867, AR016691, AR016690, U46128, X93549, D13509, A64136, A68321, AR060133, I79511, X72378, U79457, AF123263, AR032065, AR008382 AA313465, AC002476</p>
521	H2CBC28	874474	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 973 of SEQ ID NO:521, b is an integer of 15 to 987, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:521, and where b is greater than or equal to a + 14.</p>	<p>R17875, AA307182, AA234820, R51143, AA332209, H20879, T74325, AW296624, F12429, AW452273, R14421, Z44528, H06787, D59627, D51213, D80168, D80258, C14298, D80949, D59503, D45273, C14407, D59695, D80014, D52291, D58101, D51079, C14227, D80064, D80212, T03048, AW360780, C14389, D81030, T11417, D59927, D80290, C16955, D58246, C14331, D80045, D81111, D52059, D80228, D59484, D80391, D59787, D81026, AW377669, D59619, D80210, D80240, D80522, D80157, D80022, D80166, D80248, Z33452, AI535686, D59502, D58283, AW377661, D80195, D51423, AI557751, D51060, D59859, D80366, D80164, D59467, D51799, D59275, D80253, D80268, D80043, D80227, D80193, D59610, D80388, D80024, D80439, T02974, D80188, AA305409, D50979, C06015, AA305578, D80038, C14014, AI557774, D80241, D80378, D59373, AA514188, D51759, D80302, AI525228, AA514186, H67854, H67866, D80247, D80196, F13647, AI525216, D80219, C13958, C15076, C03092, AI535663, D80133, D80251, Z30160, D50995,</p>

522	HCRQF18	874475	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1141 of SEQ ID NO:522, b is an integer of 15 to 1155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:522, and where b is greater than or equal to a + 14.</p>	<p>C14973, D51022, AA514184, C14344, AA809122, D59551, C14077, D57483, D80269, D59889, D59474, C04682, Z21582, D59317, D51221, T03116, F13796, AI525978, C06084, H67858, AI525969, AI525238, D51103, T02868, D45260, AA305720, AI525215, AI525923, AI525242, AI525235, AI525920, AI525912, AI525227, AI535961, C05763, D31458, AI525917, AI525237, AI525922, AI525925, AI525914, AI525907, AI525903, Z92542, AR016808, AB010386, X64588, I82448, U37689, A47134, I81198, A84916, AB019242, A62300, A62298, AB028859, I82446, AJ132110, AR018138, X72378, AR008278, AF058696, I14842, AB002449, A82595, AR060385, I79511, AR054175, AR008277, AR008281, AI091231, AI655460, AW419347, AA599117, AA324808, Z39364, R51273, AW392670, Z99396, U46347, AW384394, AW363220, AL119484, AL036418, AL038837, AL037051, AL036725, AA631969, AW188647, AW372827, AL043003, AL119457, AL134153, AL119497, AL119319, AL119324, AL119439, AL119391, AL119443, U46350, AL036858, AL119522, AL039074, U46351, AL036924, AL119483, AI468939, AL119363, AL119355, AW128838, U46341, U46349, AL119341, AI497736, AL119396, AL119335, AL119418, AL119496, AL135561, AL038509, AL037085, AL039564, AL119444, AL039085, AL037205, AI568881, AL039156, AI270298, AW081940, AL039108, AL134132, AL039109, AL039128, AL037094, AL134530, AL134519, AW272567, AL037526, AL134531, AL036196, AL119401, AL036190, AL134527, AL134528, AL043147, U46346, AL079657, AL037639, AL042614, AL039659, AL036767, AL038520, AL134533, AL037082, AL119399, AL042984, AL042965, AL042975, AL036268, AL042542, AI792230, AL134538, U46345, AL042544, AL042989, AL043019,</p>
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523	HE2CI70	874479	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:523, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:523, and where b is greater than or equal to a + 14.	AL042551, AL037077, AL043029, AL042450, AI142134, AL039625, AL039648, AL045337, AL036238, AL042909, AL038447, AL039678, AL039629, AL039386, AL036998, AL037615, AL038851, AL036733, AL037027, AL119464, AL036774, AL037178, AL037021, AL036765, AL039410, AL036719, AL036191, AL036679, AR066494, AR060234, A81671, AR023813, AR064707, AR069079, AB026436, AR054110
524	HSPAX64	874480	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1967 of SEQ ID NO:524, b is an integer of 15 to 1981, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:524, and where b is greater than or equal to a + 14.	AI927646, AW001077, AI951703, W70091, AI951705, AA134111, AW235988, AI144285, N51368, D63211, AI700903
525	HCRPE10	874481	Preferably excluded from the present invention are one or more polynucleotides comprising a	H97940, AI472133, AI004952, N27386, AW235689, AI633433, AL1119741, AA988792, N30111, AA830923, AW316939, AI961563, AI149583, AA507636, AI823859, AA507630, N32009, AA628731, AI358786, AA856747, R78501, AA323243, R65698, R78550, AI192314, R22064, AI122755, AA578856, AI379549, AI084575, R77137, R80450, R22905, R24489, R31530, R36133, R23007, R68060
				AA329666, AI281401, AI439393, AI798407, AA302817, AW157731, AW276678, AA417723, T08386, H68343, AA569715, AB003151, AP000688, AC005697,

526	HTOJA79	874482	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1556 of SEQ ID NO:525, b is an integer of 15 to 1570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:525, and where b is greater than or equal to a + 14.</p>	<p>AF051976, AC005837, AL109627, AC004144, Z83850, AC004491, AC008109, Z84466, AC002364, AC005280, AL049764, AF196972, AL049697, AC005089, AF111167, AC005874, AF134471, AC006597, AC006312, AF087017, AC006473, AL031280, AC005736, AC004987, AL022311, AC004448, AC003666, Z98200, AC008372, AC005796, AL022315, Z98257, AL022323, AF196970, AC002549, AC005740, AC000379, AC002312, AP001053, AF111168, AF196969, AC005353, AL049776, AC000134, AL024507, AC005562, AB022785, Z94161, AP000065, AC006511, AL031984, AP000112, AP000044, AC004472, AP000466, AC005049, L34160, U20499, AL021155, AL035400</p>
527	HGBGI31	874484	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1070 of SEQ ID NO:526, b is an integer of 15 to 1084, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:526, and where b is greater than or equal to a + 14.</p>	<p>AW269339, AI631650, AI743766, AW071647, AI141513, AI141515, AW183591, AA759305, N66691, N56903, AI206817, AI703230, AW263621, N32112, AI377705, N24656, N24651, N32124, N35855, AA608925, AI267504, N56791, AW026617, AA813748, H14805, AW183221, AA249548, N35444, N98958, N46634, AI886816, Z83822, D86969, AF127774</p>
527	HGBGI31	874484	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1492 of SEQ ID NO:527, b is an integer of 15 to 1506, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI924940, AI650533, AI057572, AI424452, AI087991, AI674568, AA282264, AI638589, AW044688, N25211, AI291941, AA687274, AW183909, AA447768, AA453699, AA513691, AI193754, AI362359, H25491, C01395, H88787, AI051462, R40823, H89006, AL118765, R58364, AA620624, AA346606, AL039912, AI142134, AR043113</p>

528	HCRMF12	874485	<p>NO:527, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 307 of SEQ ID NO:528, b is an integer of 15 to 321, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:528, and where b is greater than or equal to a + 14.</p>	<p>AA973353, AW242590, N64735, AI681375, N40554, H87833, AA358852, T95005, T94951, AI434777, N91747, AI446623, AA225380, T73016, AA297496, AA650455, AA584756, AI309059, H77386, AA321010, AI251809, AA015948, AA634071, N51140, AW020891, AI032411, AA640563, T12424, T52786, R70884, X84712, AI000314, AI834262, AA629939, AA368749, AI358557, AA496309, AW384076, W81359, AA446645, AA372389, AA338238, AW271071, AI701898, AA573000, AI281622, H91062, AA229823, AI147511, AI627917, AA218835, AA947352, AA338237, AA932787, H87818, AI753131, AI668566, AW277240, AI751698, H91358, H91047, AA351868, AI679759, AI002863, AI819391, AI733523, AA228979, AI345256, AI940546, AA807704, AA649174, AA383937, AA935827, AW384100, AA496941, AI620666, AA507990, AA653881, F23268, AI689135, AW029626, R92703, AI888050, AA626828, H57752, AA196287, AC005722, AC005826, AC005702, AL049539, AF205588, AL022165, AC004686, AC005859, AC012085, AL031280, AL031287, AC005368, AL117355, AC005737, AC000086,</p>
529	HCQDD11	874486	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 800 of SEQ ID NO:529, b is an integer of 15 to 814, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:529, and where b is greater than or equal to a + 14.</p>	

	AC004593, AL022329, Y10129, U91629, AC005901, AC004662, AL031846, AC007253, AP000355, U18271, AC005539, AC007637, AC002402, AL024507, AC007263, AL021940, AF013593, AC004147, AC003688, AP000144, AC005297, Z92844, AP000156, AL109967, AL031737, AL035071, AC007656, AC005940, Z93023, AJ006345, AC008044, AC006459, AC006130, AC002400, AP000014, AL050318, AL122126, AC004617, Z98742, AC004884, AC005005, AC002073, L40817, AL031407, AL049709, AC002418, AL031602, AC004386, AC006468, AC006449, AC009501, AL132712, AL031685, AL133249, AP000557, U62317, AC006059, AP000347, AC006062, AC005015, Z84466, AP000493, Z73900, AC007671, L44140, AC000159, AL031657, AC003070, U96629, AL109847, AC007052, AC006254, Z68756, AC005480, Z84487, AC006992, AC003071, AL135783, AL133371, AL079340, AL031286, AC005740, U92032, AC007066, Z95118, U60205, AF222686, AL031587, AC004913, AC005076, AC004750, AC004915, AC007421, AC004647, AL031283, AL021977, AC006368, AP000310, AC000397, AP000116, AL035551, AC020663, AC007283, AC007092, AB023054, AL080317, AL049759, AC004079, AC004882, Z98052, AL133312, AC002430, AC007842, AC003107, AC005355, AC005484, AC007384, M91159, AL096774, AC007436, AC006441, AC004083, AC012627, AC004837, AB002155, AL031121, AC002310, AC005486, AC005179, AL022726, AC004106, AC006088, U02057, AL133163, AC007245, AC004910, AC006101, AL109980, AF049895, AC003081, AC007189, AC006222, Z95152, AC005585, AL031176, AC005365, AC000353, AP000356, AC004922, AC001231, AC005829, AC005081, Z82976, AC004081, AL023575, AL049634, AC005924, AL031656, AC003963, AJ006996, Z73417, AL096712, AL109839,

530	HCRPA46	874492	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 312 of SEQ ID NO:530, b is an integer of 15 to 326, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:530, and where b is greater than or equal to a + 14.</p>	<p>AC005921, AC004668, AC004865, AP000346, AF047825, AL031003, AL022323, AC000028, AC005833, Z95331, AC004671, AC006141, AL022337, AL022336, Z99496, Z97876, AC004638, AC006126, U89336, AC003015, AP000248, AL117344, AP001068, AL035460, AL031662, AC007207, AF186194, AC003030, AC005876, AC005358, AC005332, AP000165, Z97987, AL049544, AC005232, AP000695, AL034351, Z97198, AP000696, AC002470, AC009784, AL034397, AC009247, AL031577, AL117258, AC002381, AL049872, AC006148, AD000812, AC004703, Z92546, R87098</p>
531	HCRPV94	874495	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 550 of SEQ ID NO:531, b is an integer of 15 to 564, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:531, and where b is greater than or equal to a + 14.</p>	<p>AB014598, AL030998, AF082567</p>

532	HCRPX62	874498	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 602 of SEQ ID NO:532, b is an integer of 15 to 616, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:532, and where b is greater than or equal to a + 14.</p>	R16588, R16531
533	HFKIJ16	874499	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 635 of SEQ ID NO:533, b is an integer of 15 to 649, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:533, and where b is greater than or equal to a + 14.</p>	AI380837, AI927431, AF216312, E13203
534	HLISB93	874503	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:534, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:534, and where b is greater than or equal to a + 14.</p>	AI357582, AI741646, AI820619, AI627793, AW009919, AI017918, AI798971, AI860948, AW206216, AI128098, AA740516, AW006828, AI422019, AI401225, AI088674, AA568539, AI042028, AA936376, AI612768, AI223316, AI077637, AA825608, AA441918, AI400740, AI474329, AI224142, AA937106, AI767035, AI290559, AI436175, AI300696, AA456524, AA815007, AI219458, AI400537, AI421335, N98878, AA902406, AA455161, N52185, H97557, AI002655, AA919015, AI572174, N90331, AA442028, H98458, AI000140, AI792015, H98592, T11461, H92440

535	HDTLA27	874504	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 782 of SEQ ID NO:535, b is an integer of 15 to 796, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:535, and where b is greater than or equal to a + 14.	
536	HCHCJ20	874505	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:536, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:536, and where b is greater than or equal to a + 14.	AI816386, AW247209, AA444018, T80511, AW163217, AI815446, AA338622, AW163745, AA359841, Z41863, AA634523, AA621265, AI884383, AA338360, AB023049, AP000513, AC006049, AP000512
537	HLD0G81	874506	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1220 of SEQ ID NO:537, b is an integer of 15 to 1234, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:537, and where b is greater than or equal to a + 14.	AW339982, AI827788, AI627750, AL038656, AI888509, AW156877, AI094580, AI963436, AI634293, AI891103, AW080820, AA910949, AW009916, AW338663, AA514770, AL037705, AI924086, AI951034, AI025380, AL038657, AI703238, N47212, AI688623, AI091742, N57407, AW188387, N32312, AA860531, AA863007, AA532789, AW188451, N66542, AI306506, W32410, AW188660, AA601517, AI304931, AW338673, AA912494, C75275, AI050054, AI075117, W15332, W32856, AW084306, AW081448, W37293, AA889232, AI302660, AA902855, AI888343, AA507932, AA987475, W39423, AA938584,

538	HPMLY88	874508	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1525 of SEQ ID NO:538, b is an integer of 15 to 1539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:538, and where b is greater than or equal to a + 14.</p>	<p>AA974132, F34503, AI621117, N27606, N90139, AA987821, AA916382, AI299905, AA953919, AI282708, AI473985, AI803426, AW028183, AA825320, AW173786, AW338830, AI921646, AW157842, AA854048, AA910245, AA855143, R39105, AA989409, T28851, W37827, R63566, AW178890, AI673106, C75395, AA887708, AA885915, H19457, AI273149, AA911486, AW265368, H42573, AI457300, R63520, AA772638, AI824046, AW194001, AA548768, T11298, AA813624, N91931, AI811441, AI476381, AW080982, C75171, C01891, AA084007, AI554233, AA384963, F29838, AL042009, AL039390, AL046681, AL046137, AI358612, D45781, M25160, AF153191, X03747, U16799, AF202048, AF202049, M25159, X03883, X61433, J02701, Z99758, M75030, Z11797, U17061, J02787</p>
539	HIDAC50	874518	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 774 of SEQ ID NO:539, b is an integer of 15 to 788, where both a and b</p>	<p>AI985974, AI831129, AI701918, AI469233, AW007649, AI683794, W52775, AA921832, AA599078, AI000597, AA604667, AI669164, AI022848, AI620402, AA747513, AA713994, W52450, AI971470, AI351325, AI678922, AA852738, AI025094, AA809319, AW183139, AI700796, AI867406, AI290796, AA721118, W58770, AW001013, N67520, AW089434, AI968630, AA812494, AI468826, AA172207, AA172212, AI608636, N85575, AA173900, N84394, AA827709, AA173877, AA089754, C75113, AA335629, AI142956, AW103098, U51920, X86373, X16318, X16319, AL049776, U29893</p> <p>AI963808, AA527662, AI033700, AA811422, AI859767, AI277778, AI160624, AI458035, AA505696, AA227191, AI538253, AI301401, AA936616, AA460108</p>

540	HLYCA01	874519	correspond to the positions of nucleotide residues shown in SEQ ID NO:539, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 860 of SEQ ID NO:540, b is an integer of 15 to 874, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:540, and where b is greater than or equal to a + 14.	AW0211176, AA640216, AA194176, W63704, W72405, AW020588, AI860160, AI963169, AI681768, AI677866, AI631777, AA830270, AA194175, AW305172, AI803557, AI696997, AI095536, AI677656, AI338525, AA150798, AA863348, AI281242, AA954686, AI265946, AA227927, H01350, AW276285, AA737409, AA430106, AA923590, AA468671, AA150674, AA714825, AI301123, H01304, AW273571, N50562, Z28949, AA782402, AA857623, AW371977, AI310720, AI354804, AA148462, AI968881, AI123867, AI637999, AW002622, AI969063, AA700782, AI699961, AI041858, AI097045, AI928059, AA683563, AI638646, AI190522, AI652908, AW440938, AI806213, C01494, N50620, AW363568, AW363567, D20573, AA284202, W76435, AW362797, AJ227895
541	HCRNF16	874522	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 535 of SEQ ID NO:541, b is an integer of 15 to 549, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:541, and where b is greater than or equal to a + 14.	AI209040, H86053, AW206470, Z29067, Z25434
542	HOEKX93	874524	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	AI093004, AA532946, AA564084, AA507201, AA507134, AW006481, AI871173, AA552730, W94684, AI348304, AA878084, AI401530, AA534543, AI417039, AI768351, AI384018, AI832682,

543	HTTFP72	874527	<p>the general formula of a-b, where a is any integer between 1 to 453 of SEQ ID NO:542, b is an integer of 15 to 467, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:542, and where b is greater than or equal to a + 14.</p>	<p>AI381790, AI708035, AA873199, AI301703, F21391, AW173369, AI018646, AI582667, AI581643, AI208881, AA908672, AA478298, AI093955, AI718804, AI675351, AA513024, AA977944, F22481, AA533319, AA532461, F16466, AA532891, AA588257, AA558343, AI382749, AA459680, AA587292, AA371783, AI581617, AA584023, AA459802, H43956, AI719400, AA320701, AA335295, H43908, AA365844, AI247163, C06460, AI581856, AI253013, AI344895, AI275296, AI251230, AI224758, AA364498, AI254294, H26864, AI250090, AI270854, F28916, AA536033, F23489, AI202611, AI223525, AI270980, AI434794, AI349890, AA327611, AA319916, F18547, F30398, AA708206, AA594821, F36609, AA640695, AI306848, AI306179, AW302783, AI318243, AI305366, AA878097, AA335481, D45451, AW268320, C20940, D45370, AR030258, AI254412</p>
544	HCRND05	874528	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1197 of SEQ ID NO:543, b is an integer of 15 to 1211, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:543, and where b is greater than or equal to a + 14.</p>	<p>AL042016, AI298509, AA136996, AI453129, R83898, AA423903, AA085438, AA346815, AI708977, T47842, AI623675, AA521346, AI628135, AA102610, AI905470, AI446546, AI493169, AI092939, AI151462, AI493180, AI708719, AA043102, AA043103, AA604111, AI066719, T39655, AA131307, AI129409, AI005110, AI750391, AI446673, AA806476, AA582230, AA423882, W79107, AA112431, AA617707, AI766424, AA808647, AI376430, AI147567, AI378214, N22518, AI082502, AA722988, AA255666, AW152080, AI382456, AA706866, Z85986, A52140, AF034187</p>
544	HCRND05	874528	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1449 of SEQ ID NO:544, b is an integer of</p>	<p>AI760170, AI150687, AW273858, AI400198, AW062695, AI924082, AW087415, AI689214, AI684707, AA526748, AI566857, AI377786, AW167628, AA525309, R65808, R32753, AI927229, R32754, AI242434, AI927230, AI701965, AI956002, AI867076, AW292033, AI368435, AA897436, AI612972, AI221593, AI364630</p>

545	HCRNP66	874529	<p>15 to 1463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:544, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:545, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:545, and where b is greater than or equal to a + 14.</p>	<p>AW392670, U46347, AL119457, AL134542, AL134531, AL134536, U46350, AL134527, AL043003, AW363220, AW384394, AL134533, U46351, AL119324, AL119443, AL119396, AR066494, AR069079</p>
546	HAPCK19	874531	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:546, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:546, and where b is greater than or equal to a + 14.</p>	<p>AI885516, AI547325, R24895, AW363358, AI547326, AA164922</p>
547	HWLIN80	874533	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1571 of SEQ ID NO:547, b is an integer of</p>	<p>AA587884, AI767423, AI393280, AI949839, AA446436, AI190288, AI559560, AI682501, AA026445, W52085, AI335906, AI675307, W23537, AI253394, AA918686, W52355, AW270884, AI926314, AI270610, AW129161, AA807077, AI581933, AI766485, AA977638, N74921, N67476, D25717, AA233959, AA446128, AW149000, C02436, AA026248</p>

548	HWMB A0 2		15 to 1585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:547, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1265 of SEQ ID NO:548, b is an integer of 15 to 1279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:548, and where b is greater than or equal to a + 14.	AA502608, AI478744, AA045217, AI699980, AA813386, AA723372, AI433558, AI052065, AA113200, AA907374, AI424746, AI808683, H59204, AI341585, N69246, AI953729, T90351, AA099980, AI699473, T85849, AI766778, AA836395, AI802324, AI567411, AA630658, AA830372, AA584340, AR067863, U77949, AF022109, AJ223087, AJ009559
549	HCRQI74	874537	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1375 of SEQ ID NO:549, b is an integer of 15 to 1389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:549, and where b is greater than or equal to a + 14.	AI346749, AI312720, AW084111, AI816832, AI621243, AI916669, AI309924, AI291557, AI458630, AW451021, AI571801, T26468, AW293308, AI346591, N52354, AL120629, AI824966, AI653039, AI290454, R20343, AI769740, R19490, AA915926, T26467, R43837, AW206912, H11896, W72861, AW206151, AI767801, R43726, W75957, AW196574, AI474938, F11673, AI657200, H41486, AA954054, AA582950, AB014554, AF034800
550	HCRMT48	874540	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 525 of SEQ ID NO:550, b is an integer of	AI741772, AW294773, AI915533, AW291354, AI745300, H82605, AW293578, AI089050, AA159011, AI660151, AW014671, AI807594, AL137668, AB014603

551	HDTJ085	874543	<p>15 to 539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:550, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1075 of SEQ ID NO:551, b is an integer of 15 to 1089, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:551, and where b is greater than or equal to a + 14.</p>	<p>AI887728, AW057838, AI378621, AI522143, AI016980, AI561130, AI522026, AI005240, AI147473, AI559517, AA256451, C74989, R78188, AI289403, AI681611, AA731944, AI288392, H03832, R78244, AI701420, H03833, R77819, AA256323, AA505824, H01114, AI983828, R99504, R97982, AI686917, AI521228, H01115, R38045, R38042, R38134, AI364612, N56316, AA888634, AA094801, AA959973, AL119484, AL119439, AW392670, U46347, AL134530, AL134519, AL119391, AL119319, AW372827, AW363220, U46350, U46351, AL119444, AL119522, AL119457, AL119324, AL119443, AL119363, U46349, AW384394, Z99396, AL119497, AL119355, AL119483, AL134528, AL043003, AL037205, AL119401, U46346, AL042544, AL119335, U46341, AL134525, AL119341, AL119396, AL119418, AL134524, AL134518, AL042614, AL119399, U46345, AL142137, AL134538, AL119496, AL043019, AL042542, AL142132, AL042450, AL042984, AL042965, AL042975, AL043029, AL042551, AL119464, AL117441, AB026436, AR066494, AR060234, AR054110, A81671, AR043113, AR069079</p>
552	HIBEM35	874544	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1924 of SEQ ID NO:552, b is an integer of 15 to 1938, where both a and b correspond to the positions of</p>	<p>AI694131, AW005239, AA669418, AW271760, AI683493, AW002988, W74758, AI291081, AI760408, AW168256, AI338063, AI522303, AA503641, AW197676, AI863389, AI025917, R69505, AA765402, AI932989, H11347, AI916985, AI866944, AI084550, AI702087, AW294510, AI932986, AA047533, AI025180, AI924998, AA835901, AA335987, R45671, R72219, H17624, H23220, R76654, R44622, R72176, W74574, R46347, AA962190, R19347, R70396,</p>

553	HE9QB35	874545	nucleotide residues shown in SEQ ID NO:552, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1428 of SEQ ID NO:553, b is an integer of 15 to 1442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:553, and where b is greater than or equal to a + 14.	R46437, AA249440, AW407351, AA351687, AA641292, AF150438, AI341777, AW407338, H17735, D20604, AC007327, AF161370 AI129333, AI300186, AA706487, AI623322, AW194754, AW140108, AI093486, AI936395, AA587424, AI521778, AI222194, W81371, AA905044, AW197515, AA873606, AA075771, W81629, T29810, AC009336, X15507, X56561, M87803
554	HCHMS55	874546	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1432 of SEQ ID NO:554, b is an integer of 15 to 1446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:554, and where b is greater than or equal to a + 14.	AW245678, AW247182, AI972593, AW246638, AL039113, AA635532, AI739027, AW016854, AW016300, AI394048, AA142833, AW068260, AI669080, AI420874, AI080193, AA503817, AI343289, AW016301, R52416, AI239958, AA455481, R61423, W45615, AI739277, AI378464, AA883161, R52409, AI857686, AW068167, AW005773, AI337451, AW190775, AI266065, AW246010, R61381, AI241567, AA719327, AI640171, AI277571, AA324050, AI680628, AI758157, AI916131, AA782879, AI471730, R48703, AI853368, R48600, C75567, AI686454, T27923, W45561, AW070713, AW189143, F01282, AI611716, AW088956, AW188521, AI207844, AA639474, AI423701, AA455480, AA379331, C17774, AI972471, H26054, AW175761, AA455552, H73885, AI708130, AL042382, AL042544, AL119457, AW008166, AL119399, AL079794, AL119511, AL138457, AL043168, AL043152, AI471361, AW085786, AW073681, AI688853, AI524677, AI597918, AI567612, AI376872, AI348914, AI686926, AI866131, AI472536, AW117926.

	AI636619, AW006046, AI250369, AW089122, AI281757, AW081255, AI590423, AW149092, AL040694, AI684234, AI865931, AI862144, AL038529, AI828574, AI570966, AI698427, AI468930, AI434741, AI336575, AW151136, AI281782, AI608988, AW089275, AI473451, AI540606, AL119324, AI866751, AI872423, AI819106, AI358456, AI553645, AI284084, AW087193, AA814407, AL045349, AI690946, AI623379, AI624671, AW151948, AI799195, AI891125, AL079741, AL041220, AI888621, AI564247, AW150578, AL042515, AI954130, AI828818, AL041150, AI634737, AI783530, AI347701, AW087901, AI284131, AI289542, AI573026, AA908294, AI500061, AW051059, AL042488, AI866798, AA641818, AI873613, AI282319, AI801325, AI358209, AW162194, AI623941, AI758437, AI801322, AI584153, AW105601, AI832457, AW131999, AI590624, AI050881, AI933001, AI250293, AW130930, AI570169, AI923989, AI581033, AW148320, AL036673, AW243886, AW103442, AI866770, AW081515, AI433157, AI702073, AI612750, AI432736, AW081653, AI619754, AI916419, AI866608, AI859991, AW149287, AL040207, AI634251, AW088560, AL119791, AW051088, AI890907, AI679550, AI539800, AI434020, AI671679, AW104141, AI633125, AI309244, AI698391, AI690480, AI368943, AI538564, AI525669, AI250627, AI160954, AI915291, AW152182, AA012905, AL042866, AI914862, AI866801, AI560683, AW151892, AI249800, AI446124, AI582932, AI520946, AI288305, AI865334, AI521560, AI889189, AI862142, AI473536, AA449768, AI863382, AI475430, AI609684, AI866469, AI336633, AA502794,

AI345567, AI884318, AI445990, AI445679, AW238688, AI499986, AW104062, AI479165, AA744531, AW193141, AI559312, AI539560, X55039, X05299, U35655, X55038, E04057, U20951, AF002714, U00763, AL117432, U01145, U77594, Y11587, M81784, X72889, AF061943, X56039, X98834, AF094480, U72620, I89947, S69510, AC006336, AF106862, E02253, S74156, S68736, AF113699, X99257, I48978, AL133093, AC005291, AR038854, A08913, AF043493, AL137660, AL137526, A08912, A08910, AL137539, A18777, A08909, I09360, AL133606, A08908, AF132676, AF061836, X52128, A08916, AL133568, U00686, AF040751, AL133016, U91329, AL122106, AF090896, AF017152, AL133113, AL133558, S83440, AL137658, E12747, AF061573, AF091084, I89931, I26207, AL117460, AR059883, AL117648, I49625, AL137271, AL110296, A08907, AL133637, AL137529, I09499, AL137273, S76508, AL110218, I89934, AF118064, AL049283, AL122050, U90884, AL133081, AF079763, AL080158, I66342, AL049460, AR038969, X80340, S77771, AL133014, AL133072, AL133560, AL110196, A77033, A77035, AF087943, AL110222, AL050172, AL117416, AF031147, AL137459, AL137533, AL050155, AF102578, AJ005690, U88966, AF111112, S61953, I96214, AR034830, AF065135, AL133565, AL133557, X92070, E07108, AL137555, X87582, AL122111, AL117583, U68233, I92592, AF205861, AL080137, X63574, AF111849, I41145, U62317, U92068, A52563, AL117578, I48979, AL137294, E02221, AL122121, AF026816, L19437, AL080154, AL137574, AF061795, AL137712, AF151685, E15582, AL137550, AL133665, AF030513, AL050138, AL137292, AF032666, AF182215, X96540, A08911, I89944, AF017790, Y16645, AL049300, AL137557, AL050024, AR029490, AF069506, AL133624, AF079765,				
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555	HCRPG51	874550	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1264 of SEQ ID NO:555, b is an integer of 15 to 1278, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:555, and where b is greater than or equal to a + 14.</p>	<p>AF090903, AL023657, AL096744, AF061981, AF185576, AL122118, Y07905, AL096751, AF057300, AJ012755, Z97214, AF057299, S78214, I00734, AL137705, X72387, I03321, E00617, E00717, E00778, AL117629, AL137547, AF180525, AL137665, AL137429, AF110329, X06146, AF051325, I42402, AL122098, AL117649, AF090886, U87620, Y09972, AL122045, AF125948, AJ003118, AL137527, AF104032, AL133619</p>
556	HKMLN95	874551	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1987 of SEQ ID NO:556, b is an integer of 15 to 2001, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:556, and where b is greater than or equal to a + 14.</p>	<p>AI123591, AA625223, AA088420, AI200451, AI863514, AI767379, AI749134, AI863526, AI339791, AI280973, AI280895, AA053166, AA558472, AI355115, H21596, F13615, N85138, AA088517, AW242425, AI148692, C00944, X90563, AF033103, AF033342, AF033343, U63415, U79012, L40904, AF156665, AF156666, AB011365, AF059245, AF103946, AJ006756, AJ006757, Y12419, Y12420, AR030509, U01841, U09138, Y12882, U84893, AB019561, D83233, U01664, U10374, Z30972, AJ243133, AJ243132, AF013266, AB005525, AB005526, AB005524</p> <p>AA551127, AI692457, AI765517, AI749951, AI949762, AI129348, AI631959, AI672100, AI609235, AI692456, AI950134, AI651144, AW189207, AI935651, AA868261, AI151427, AA044198, W63627, AI521732, AI949853, AA161274, AI708643, AW300441, AI015909, AA868518, AI962729, AI150783, AA595810, AI281874, AI819752, AI479243, AI745688, AI341421, AW027973, AW022195, H99174, AA132312, AA429830, AA070213, N52408, AA442125, AW016589, AI913890, AA856798, AI745679, AI554270, AA554278, AA161275, AA702375, N24457, AA969821, AI635327, AA070298, AA699477, AI458226, AA043064, AI982949, AW439708, AI687133, AW272645, AA946996, AW177545, AW341771, AW177556,</p>

557	HMIAD35	874552	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2510 of SEQ ID NO:557, b is an integer of 15 to 2524, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:557, and where b is greater than or equal to a + 14.</p>	<p>AI342767, R99590, N95053, AI074359, AW402507, AI630618, R43298, H84183, R25323, AA557498, AA446257, AW243239, AI583569, AW194714, AA551069, R92184, AA714014, AA557798, AI433955, AI824194, N66644, R87671, T57874, T57956, AA313194, AI208421, AI921595, AA027072, AA156655, R87665, AI370681, R14400, AA352103, R87659, AA860614, AI140574, R24026, N58584, R87672, Z38717, AI870045, AW151040, AI277638, R84296, AA542839, R92288, AA307482, AI954284, AI472463, AI632684, N67635, AA442124, R18926, R84303, N72814, AI472552, AA876334, Z42525, R84309, T94235, R26521, AA091407, T26330, AA565557, AA609829, N53150, AF078850, U81186, AF064635</p>
558	HSYAM68	874553	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2653 of SEQ ID NO:558, b is an integer of 15 to 2667, where both a and b correspond to the positions of</p>	<p>AI654054, AA777790, AW118831, AI807933, AA204912, AI750036, AI922319, AA307744, AW149710, AI220354, AA954881, AA037461, AW021718, AI369003, AA446479, AA812671, AI796412, Z43835, D62485, AL119559, Z39900, AI978951, AA852817, AA319686, AA852816, AL039953, AA430172, AA609927, T35357, T35321, AA383343, R58429, AI184697, N86760, R43365, F07307, R17649, AF064104, AC006024, AC004899, AC006344</p> <p>AW374078, AI522263, AI135027, N98654, AW129530, AI744912, AI921308, AW298170, AA306189, AI378512, N51270, AI042527, AA028975, AI367359, AA721442, AA182847, AI692835, AA030054, AA481185, AA737502, AI350786, AI683938, AI867009, AA481500, AI142689, AI264543, AA708269, AW080670, AA854267, AW169590, N72881, W03106, N71768, N66131, AI471293, AI270046, AA214574, H98490, AI472606, H99050, AA887428,</p>

559	HDPAM86	874556	<p>nucleotide residues shown in SEQ ID NO:558, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2593 of SEQ ID NO:559, b is an integer of 15 to 2607, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:559, and where b is greater than or equal to a + 14.</p>	<p>AW007921, AA301332, U77129</p> <p>AA404235, AA452200, AI859555, AA629933, AI700486, R60866, AW192693, AI753505, AI609216, AW368608, AI681136, AI160089, AL039630, AA862328, AW084706, AI075205, AW339497, AI760883, AI339567, AW022639, AI806967, AA179268, AI365066, AA642409, AW105685, AI339346, W26428, AI953837, H72654, AI061344, W28185, AI796053, AA401261, AW118568, AI560224, N98233, AL045364, W35399, AI874187, R73919, T74450, AI140449, AA007193, AA401871, AI360268, N40604, AW406981, H03740, AI024161, AI000213, R41873, H63466, H97548, AA180475, W58764, T89579, AA181254, AA749384, AI248677, AI933404, R54609, H56233, H52952, AI916328, W02598, AA748000, R17258, AA313579, AI962042, H78864, AW402957, AA730015, W76051, H56151, W60542, F06063, AW316616, AA296128, F12545, AI672647, AI695696, AA179415, AI889968, AI364585, AA837995, H63411, AA323911, T81755, W93331, R69604, H63813, H78323, H93943, AI085812, H93944, N27831, H98470, W33012, W95035, T29602, H78324, H96072, H71380, AW392290, F10164, T81118, R67287, T89852, H02847, R13407, F08385, Z38983, N73611, AA090302, R52513, AW269661, R96535, D62732, AW075559, T81172, AI205920, R40919, R00249, T85548, AA179722, R52562, AA398464, AI609360, T58300, T85220, F04606, R58657, F25602, AW243073, AI950069, AW151501, W28479, R60285, R69694, AW249461, AA641818, AI445620, AI554343, AI963846, AL040011, AI886123, AI690813, AW194014, AI677824, AA911767, R92109, AW084447, AI864836, AW029186, AW148544, AI491842, AI698401, AW130356,</p>
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	AI571699, AI872423, AW088560, AI581362, AI886440, AI288285, AI610667, AI439452, AW182790, AA872507, AI624304, AI918554, AI473554, AW080992, AI469270, AW166937, AI345416, AI345612, AI524179, W46493, AL138386, AI863382, AI539153, AW089275, AI345415, AW080298, AI049669, AW025279, AA514684, AI932794, AI866770, AI609069, AI476046, AA908294, AI927233, AI493032, AI886055, AI950729, AI432969, AI887765, AI784214, AI285439, AW130534, AI570169, AI453248, AI073952, AI536563, AI619813, AI860027, AI446373, AI270295, AI334714, AI419650, AI961589, AA761557, AI612750, AW150008, AI919500, AW263569, AI860697, AI554411, AW026425, AI632391, AI590043, AI683475, AW029294, AI890907, AA878790, AI564426, AI553645, L23959, A38388, Z77249, U78796, L40386, U58192, I89947, X63162, AL137550, AP000247, AL137529, AL137294, AP000130, AP000208, AF118090, AL110158, U88966, AL136842, AL137480, AF047716, E12747, AL117435, U91329, AL133072, AR038854, A08913, A08912, AL080086, I48978, E02349, S76508, A08916, A76335, X56039, AF090901, S77771, U62966, A08910, AL137537, A08909, E08631, AF158248, AL049300, A86558, A08908, AL137530, A08907, X70685, AR029490, AR011880, X82434, AF215669, I33392, AF141289, AB007812, AF039138, AF039137, AL050155, AF106657, AJ005690, AL080124, AI8777, I89931, I32738, AL110225, X57961, AL050108, AL110280, I89934, I49625, AL049996, AL133640, AL049466, S83440, AF032666, X63410, U49434, A27171, Z97214, AL050366, AL137533, AF008439, AF067790, AL050277, AL137640, Y11587, A77033, A77035, AF087943, X80340, AL117416, AF183393, M86826,

				<p>Z37987, Y14314, AF199027, S79832, AL137527, AL096751, AF022363, AF104032, A08911, AL133010, AL080060, AR034821, AL080234, AL080162, AF061795, AF151685, Y07905, AL137292, AL122121, AL133568, AF113690, AF090934, AF017437, AL080156, AL133560, AF113699, AL117460, E06743, AF090900, I09499, AL122093, AJ012755, AF026816, L04849, D89079, AL117583, X84990, AL133075, AF090903, AL023657, U68387, AL137656, U78525, AL050393, U42766, AL133665, A03736, AF106862, AL137479, AL110218, D83032, AR053103, A15345, I79595, AF002985, AL122110, AF113694, AF106697, L19437, AF113677, AL050024, E03671, AB016226, AL137271, AL122106, Z13966, AL137711, Y09972, L31396, AF177401, AF185576, AL133113, L31397, I89944, Y10655, AL137459, AL133016, AL080140, AL050138, AC004200, AF028823, AF126247, AF067728, X87582, X06146, AL096744, AF207750, Y16645, AL049938, A65341, I48979, AL133080, AL122050, U90884, AL050172, AF079763, X55446, A93350, AL050116, U00686, AF117657, AF040751, X83508, X81464, AL049464, AL133637, AF175903, AF118070, AL137478, AL080159, AL080154, U95114, Z82022, AF200464, AL133624, AL117585, I17544, AF017152, AL122100, AL137558, AF061981, AL133619, D16301, U35846, Y08769, AL137539, AF111112, AL110171, AR013797, X66871, E05822, AL110196, AJ000937, A83556, Y10936, AL049430, Y13350, Z72491, E12806, AF153205, AL133557, AL049347, AF139986, AL133112, U49908, D55641, AL122049</p>
560	HNTMDI7	874559	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI949652, AI685745, AW195069, AI052515, AI697062, AA280974, AA707923, AI218290, AI199847, H98774, AI144534, AI073884, AI668804, N46000, N23495, AA011443, AI689592, AA251688, AA011444, AA453078, AI436247, AI080750,</p>

561	HEEX65	874560	<p>is any integer between 1 to 1823 of SEQ ID NO:560, b is an integer of 15 to 1837, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:560, and where b is greater than or equal to a + 14.</p>	<p>AW248798, AA716253, AI275839, AI122970, AI453068, AI768147, AA844253, AA718935, AA725825, AA199845, AW268712, AA682515, AW339219, AI498394, AW339546, AA772711, AI445896, AA719969, W60548, AA917362, Z39539, AI003641, AW084055, AW084063, AA251094, T77877, AI536979, R15292, Z45463, AI942282, AA506048, AI623949, F03470, F07768, AA838154, F04328, AI611294, Z42543, H22527, AI674943, F02062, Z40852, AI364258, AI962091, R42198, Z44339, AI025438, AA452910, AW235780, AA091738, R58217, F06562, W04953, AW377760, N45999, N55694, AI985580, AL117543</p>
561	HEEX65	874560	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1668 of SEQ ID NO:561, b is an integer of 15 to 1682, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:561, and where b is greater than or equal to a + 14.</p>	<p>AL135284, AW195652, AI492172, AW300531, AI334056, AI921269, AI017419, AI079507, AI138956, AI499016, N62394, N80209, N79360, AI934188, R99318, T72655, AA484807, AW439501, AW449451, AA041502, AA041403, R99412, W38499, T72723, AI673139, AI688062, AI457467, AI572468, H95855, X04325, I76175, X04070, AJ271753, M81447, X84215, M63802, X95311, X04303, L36875, M23565, L47127</p>
562	HHFJL44	874561	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1680 of SEQ ID NO:562, b is an integer of 15 to 1694, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:562, and where b is greater than</p>	<p>AI652047, AI796497, AI147530, AI628634, AI806666, AI126419, AI953655, AI651464, AI077355, AI147621, AA976545, AA406366, AA406459, AA234150, AA854449, AI458532, AI359880, R70839, AI766906, AW015806, AI935550, W15483, AA431949, AA443829, AI040405, AA476397, R79122, R83810, AI628751, AI868325, AW058660, AA663713, AI459031, AI984404, AI026812, H24631, AW020576, AW196384, R23619, AA127834, AI264888, AA476377, R73980, C20836, AA737872, Z38948, R21531, H01785, R21639, R23700, R26172, H04400,</p>

		or equal to a + 14.	F06029, R70786, AA476346, H24594, AA476327, AA234980, AA657835, AW157005, AI028510, AA992126, AA865262, H79308, AW274349, AI051037, AA719292, AW302659, AW302705, AI061313, AA503600, AL038705, AA679634, AA838190, AW021583, AI284640, AW303196, AA578695, AW245747, AW301350, AA644090, AI818231, AW081194, F08248, AI572924, AL046409, AI687343, AI754955, AW168453, AL042853, AI110770, AI081147, AI002744, AI434695, AA287550, AA808337, F12561, AA631507, AW275719, AA491814, AW265735, C15363, AI554718, AI281881, AA581903, AA584145, AA453558, H18914, AA629540, AA468022, AA468244, AA402129, AW302013, AW028392, AA904275, AA513544, R17793, AA508359, AW410354, AI886432, AA580808, D83989, X55923, X55931, X55924, I51997, AF015156, Z49816, AC006374, AC004987, AC000066, AF001549, L47124, AC007324, U67829, AC005815, Z98046, AL031054, AL022147, AJ010770, AC008079, AC006336, AL121603, AF227510, AC003692, AC006277, AF106202, AL022400, AL032822, AC004066, AC005747, AC005387, AC005154, Z69666, AC006241, AC007214, AC007437, AC005911, AC004603, AC003683, AC007043, AC002430, AC006568, Z82210, AC007193, AL008716, AC005578, AC002549, AL034420, AC006005, AL021546, AC007384, Z97205, AC006037, AL050341, AL049829, AC007298, AL031295, AL096861, AC004638, AC008064, AL031311, X75335, AF123462, AL096776, AC005242, AL033381, AC004945, AL033543, AP000298, AC005019, Z98742, AP000365, AC005488, AC002289, AC007425, AC004006, AC006130, AC005699, AC004478, AC010202, AL035608, AC006998, U91328, AP000359, AC008101, AB026584, AC006213, AC003007, AC005603, AC005251, AC005829, AC003108,
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563	HWHGD94	874562	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 935 of SEQ ID NO:563, b is an integer of 15 to 949, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:563, and where b is greater than or equal to a + 14.</p>	<p>AP000459, AP000049, AC003104, AC005393, AC006596, AC007263, AC007011, AL133371, AP000311, AC004029, AC006057, AC000052, AC004592, AL109985, AC006344, AC006292, AB020859, AC018769, AL008709, AL080243, AL133399, AL049853, AL035415, AC004986, AL022320, Z98051, AC007385, AC003654, Z84469, AC007245, AC004833, AC004465, AC004210, AC005784, AC004650, AC007877, AF041427, AL035411, AC008012, AL021977, U66059, AL049544, AC008055, AF039907, AC004069, AC006022, AC005295, AP000962, AC002531, AL050401, U63312, U95742, AC002509, AL031777, AC000003, AP000140, AL078639, AC005632, Z86061, AL078477, AC004940, AP000088, AC008116, AC006288, M22900, AL022722, AC002385, U63630, AR036572, AL034408, AL035448, AL022328, AP000508, Z97634, AL023882, AC004675, AF088219, AL022336, AC006155, AL110292, AL121934, AC003003, AC005703, AC004388, AC006210, Z99570, AC004626, AC007564, AC006271, AP000204, AP000126, AL031286, Z84470, AC004643, AC005962, AC004551, AL034371, AL096775, AC006071, Z98304, AL022163, AI219645</p>
564	HWLAC81	874563	<p>Preferably excluded from the</p>	<p>AL110396, AA331926, AA626240, AA984573, AW360879, AW360978, M79191, AB018255</p>
				<p>AI802786, T24450, U59209, AF072223, U08854,</p>

565	HWLEQ08	874564	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 489 of SEQ ID NO:564, b is an integer of 15 to 503, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:564, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 360 of SEQ ID NO:565, b is an integer of 15 to 374, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:565, and where b is greater than or equal to a + 14.</p>	<p>AF180322, U06641</p> <p>L02785, AR052312, AC005046</p>	
566	HSQDM57	874565	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1638 of SEQ ID NO:566, b is an integer of 15 to 1652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:566, and where b is greater than or equal to a + 14.</p>	<p>AI807430, AI676072, AI749532, AI887309, AA513783, AA837010, AA528036, AI452482, AW089714, AI743490, AI590949, AI911647, AI625817, AI819148, AI924914, AI761418, AW152378, AI818810, AI290928, AW241750, AI680714, AA485530, AI638802, AI735658, AW130312, AI000556, AI521413, AI669583, N62339, AA039895, AA948166, AI091096, AW084946, AW139663, AI565004, AA632893, AA514221, AA524664, AA235802, AA865491, AI828293, AI800154, AA470456, AA490345, AW073080, AI244948, AA602956, AA040027, AA640112, AA483492, AA918178, AI276739, C02969, AI627612,</p>	

567	HTEJC93	874567	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1277 of SEQ ID NO:567, b is an integer of 15 to 1291, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:567, and where b is greater than or equal to a + 14.</p>	<p>AA169357, AA514889, H26425, T87972, AA343477, AA723462, R82948, H83098, AI432496, AI581370, H82876, T55847, AW393133, T55897, AW089750, AW393135, AA255742, AI745229, AI962074, AI470335, AI707637, AW013816, H45942, AA343478, AA343718, AA731056, AA903144, AA304118, AA344334, AA603266, AI247243, T10384, AA299545, AA301717, AA235803, AA485373, AW388463, AA169526, AA614843, AI273850, AA587177, AC004686</p> <p>H84612, H68440, H38005, R18676, F13210, T75350, AA911223, Z45334, R14079, H67952, A59459, A59517, U78581, D86176, AF048695, U78579, U78580, U52380, A59496, A59473, U52381, A59474, U52384, A59478, U52385, A59472, A59479, U52379, A59498, U52382, A59477, A59475, U52383</p>
568	HWLMQI 1	874569	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:568, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:568, and where b is greater than or equal to a + 14.</p>	<p>AI924920, AI753727, AW207160, AI914078, AA234929, AI439392, AI189476, AA532514, AI625486, AA622547, AW130733, AI696818, AI401099, AW008084, AI368479, AI368471, AI469802, AI916061, AI694524, AI833320, AI922024, AW137343, AA788954, AA257166, AI188289, N32400, AW131917, AI569287, AI798490, AW338407, AW080059, AW439587, T10596, AW051562, AW379054, AW392071, AI400854, AL119399, AL119457, AL119324, AL119511, AL042382, AL042544, AL043152, AL043168, AL079794, AL037081, AI559752, AI431323, AL042866, AI249497, AI525653, AL079741, AL119443, AL121306, AL039421, AI540354, AI267162, AI590043, AW392670, AI762707, AW163464,</p>

AI890214, AI679214, AI536685, AI683497, U46349, AI538850, AA641818, Z99396, AI690813, AI627874, AI500061, AI969655, AI446538, AW189802, AW059828, AW167155, AI815232, AW384394, AI434731, AI858827, AW198090, AW162189, AI095003, AI637584, AI633125, R39484, AW129106, AI879064, AI699865, AI452560, AW090498, AI890907, AA600363, AI909697, AI686808, AI491775, AW372827, AA836168, AL048656, AW363220, AI923989, AL041772, AI802542, AW022636, AL047849, AI440263, AL048323, AW020270, AL048340, AI581033, AL121286, AL134920, AI274759, AI799313, AW029611, AI698391, AI702073, AI538637, AI472487, AL036265, AI623941, AI628015, AI801152, AI624693, AL135047, AI677796, AL036361, AI345543, AW090429, AI094749, AI433157, AW088698, AI784233, AI224373, AI564719, AL038529, AI973152, AI801325, AI567128, AL119497, AI918435, AI690946, AI342210, AI699823, AW132056, AW089844, AI635492, AW020397, AI540789, AI689033, AI860027, AI635942, AW104724, AI571439, AI564723, AW302988, AI798351, AI801605, AI587114, AI538885, AI872489, AI521128, N80395, AI812107, AI537809, AW075667, AI560545, AW148408, AI587441, AW029401, AI798456, AI670895, AI817373, AW073270, AI524654, AI610690, AI682971, AI469532, AI866801, AW300889, R20540, U46341, AW087207, AI859991, AI334893, AI432532, AI828583, AW410842, AI687362, AI866472, AI591101, AI609069, AW020419, AI648699, AI287449, AI678480, H41759, AA744531, U46350, AI440238, AI799183, AI538259, AI538764, AI745076, AI244249, AI583065, AI589428, AW152604, AI445829, AW055252, AW162194,				
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AL043293, AI539780, AI493593, AI445025, AL043345, AI632997, AI499325, AI554827, AW086113, AA808175, AI310575, AI500523, AI310582, AI619502, AI049859, AW026882, AL047344, AI475371, AL041150, AI284517, U77594, AR060234, Y11587, AR066494, L10353, AL049283, A81671, M92439, AL137488, A76335, AL117435, AF073993, AL080150, E06743, I48978, AF004713, I89947, Z97214, AL137539, AF097996, AJ000937, Y16645, AL050172, AL110222, AL133080, AF047716, E05822, AF139986, AL133061, AF126247, AF057300, AF057299, I68732, A21103, A08913, AL137548, A77033, A77035, AL137271, AF124728, AL117443, AF177401, AF106862, AR038854, AL122110, AF090934, AF100931, I33391, AF113019, AF090903, AL023657, A18777, M85164, D83032, I28326, AL049300, AR060156, A08912, AL137476, A08911, AL133560, A08907, AF113694, AR054110, AF031147, M96857, AF090900, AL122093, E06788, E06790, E06789, AF140224, AL117635, I33392, I48979, AF038562, AL110221, AL050116, S77771, AF201468, S76508, I79595, AF002985, L04849, X82434, AL049996, A65340, AL110196, A76337, AL080154, AB026436, AL110225, X83508, AL137267, AR011880, A08910, S78214, A12558, AL133637, AL133623, A08909, X66862, A65341, AL050024, AF215669, AL137640, AF115392, AF183393, AL117457, AL050149, AL137533, AF146568, AL080074, AR069079, I89931, AL122116, A08908, AR029490, AF118090, AJ003118, AL122121, AL117429, AR068466, I00734, AL096744, AF067790, AF028823, AL137526, AL117463, AF080068, AL050277, X52128, AL133075, E00617, E00717, E00778, S68736, U78525, AL117575, AR034821, AL133112, X59414, D16301, AL080124, AF111112, AL137478, Z72491, AL110158, AF125948, U42766, AR050959, U55935,				
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569	HNSAD12	874570	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2070 of SEQ ID NO:569, b is an integer of 15 to 2084, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:569, and where b is greater than or equal to a + 14.</p>	<p>AF091084, AL136884, X87582, AL049382, AL133557, I32738, Z35309, I08319, X63410, AL117587, AF087943, U67328, AL117416, AL133624, AL137529, A58545, I09499, AL050146, U72621, AL096751, AB029065, AL110269, A15345, A08916, AF090901, S83456, A86558, AL122050, AF017152, AF039138, AF039137, AL133568, AR038969, X65873, AJ001388, I03321, AC007221, Y17327, AR013797, AF113690, AF076464, L04852, AL137557, X79812, AL133640, I52013, AF111849, AL122100, AF117657, AL110228, AL133113, AL050393, E01614, E13364, AL122049, AL137479, AF090896, X06146, AL110199, A12522, U83980, AL080118, AL049347, AL117644, U76419, A83556, AL137258, AF141289, AL117460, X01775, X99226, I18358, I34395, AL049452, AL137550, AL133665, AJ005870, U49434, AL137298, Y11254, AF111851, AL137459, AF159148, AL137538, X84990, Z37987, Y09972, A07647, AF199509</p> <p>AW328196, AI885301, AI304846, AA305101, AA887010, AI805100, AI088777, AI807695, AI700200, AI582267, AA916924, AA707601, AA305064, AA975048, R56174, N35057, W69554, R61513, AI307316, AI858214, AA503755, AI559653, AI269422, AI799075, AI350312, AI308155, W69265, R53277, N91631, AI304832, AI418100, AI141947, AA975077, H08040, AI028322, AI659233, R55901, AA873740, AI366861, AI240182, R39807, R18693, T35958, H14874, AA583775, N68739, R55726, T16796, AI928120, R42071, AA083596, AA921690, F08538, AA401365, AI262465, W20149, T78296, AI797524, R41709, R52623, Z41511, AA962278, AW008743, AA588240, AW078949, AA568364, AI933255, F02418, AA608896, F04283, T35959, R61569, AI874285, R18545, R41531, R18163, H25141, H07934, F04502, T35961, R55816, R18494, R56062, F08274, AA917565, R55741, AI479201,</p>
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570	HBJEN48	874571	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 968 of SEQ ID NO:570, b is an integer of 15 to 982, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:570, and where b is greater than or equal to a + 14.</p>	R12760, AI248995, N45070, T83763, D20863, R41342, F08044, F01990, F06146, AI014439, AI921998, AI253051, AL117555 AI684897, AI200892, AI478735, AW274694, AI798122, AI554564, AI554553, AI681112, AA576942, AI281053, AI311456, AA291322, AI347538, AA291323, AA835642, AI417683, AW015465, AI620444, AI659037, AA731234, AA642457, AA689434, AA731232, AI797545, AI425078, AA947102, AI280944, AA809333, AA732232, AA737649, AA514684, AI335411, AI953765, AL039011, AW005614, AI954721, N29277, AW089006, AW129947, AI870198, AI280607, AI493740, AA848053, AI560679, AW029611, AW020397, AI589428, AI872722, AI475817, AI434242, AI866624, AI538805, AI567968, AI361586, AI241800, AI358685, AI918370, AI401699, AI572017, AI744243, AI634919, AW169462, AI631796, AI274553, AA836606, AW151652, AI689614, AI884419, AI538692, AI540606, AI375730, AI583578, AI824557, AI610681, AI699011, AI669015, AI954265, AI689077, AI648502, AI537925, AI634244, AI362637, AI564290, AI826230, AI500113, AI349012, AI318603, AI564144, AW074172, AW303152, AA575874, AI684129, AI345778, AI453328, AI621171, AW080076, AA831984, AI537677, AI701074, AI889306, AL135618, AI620007, AI250627, AW194185, AI539687, AI887214, AI469516, AW129433, AI284020, AI221076, AW102858, AA602479, AW327759, AL047184, AI590943, AI859123, AW192245, AI356065, AI249274, AI520785, AI559558, AI570966, AI682891, AW080326, AI630947, AW008090, AI360560, AI241812, AW265004, W45039, AW080717, AI783861, AI909661, AI452993,
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571	HWMBM1 3	874573	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 858 of SEQ ID NO:571, b is an integer of 15 to 872, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:571, and where b is greater than</p>	<p>AI339104, AA861042, AI134985, AA868144, AA134946, AI626100, AA922724, AA535447, AA056635, AA308766, D25742, AA916634, AA551763, AA873574, AW192836, AR044148</p>

572	H6BSM15	874577	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 719 of SEQ ID NO:572, b is an integer of 15 to 733, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:572, and where b is greater than or equal to $a + 14$.</p>	AA775778, AA757125, AI150241, AA838682, AA069888, AI224530, W37073, AI571201, AA280088, AA180829, AA551358, AI198896, AA789242, AI088743, AA311383, AI301947, W46182, AI335114, AA723621, AA242964, W63551, AI041609, AI091063, AI859174, AA244165, AI359616, AI219023, AA095041, AA961762, AI022251, AI804039, AI808187, AA180788, F36871, AW005459, AA588269, AI223243, AA778139, AI004938, AA515424, AI804041, AI423085, AW183600, AI186337, AI494381, R99921, AI333959, AI743641, AA658557, AA031356, AA242808, AI769255, AA057167, AA244351, AI193789, AI122572, F28054, AA694424, AI289215, AA706689, AW265213, AI025858, AA242829, F34646, AA627819, AA235287, AA303477, AA988111, W95169, W95132, AA737959, AA665063, AW008787, AA242783, AA255455, AW296694, AI298829, AI582739, AA339643, AI435326, AI350635, AA280017, R15811, AA860877, AI056366, AI126978, AA879084, AA815469, N89766, AA483997, AI208662, AA070800, AI720351, AA483308, AA385786, AA705997, AI360959, T84830, AI360958, AA256788, AA491729, N90283, N56211, F30199, AA973367, AA865322, W37072, AA031599, R99742, AW074437, AA299478, T25729, AI581807, AA773488, AA854587, AI160483, AA773691, AI393846, T66437, AI079152
573	HCQBD30	874578	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 555 of SEQ ID NO:573, b is an integer of 15 to 569, where both a and b</p>	AW205864, AW192638, AW006385, AW005483, AA824263, AI142819, AI344314, AA471050, AI675040, AI738525, AI869254, AA603649, AI826701, AW136422, AA349312, AA352245, AA513376, AI473902, AI307409, AI335461, AI344116, AI344927, AI344925, AI345107, AW268275, AA564375, AI307434, AI318231, AW057846, AI344946, AW090819, AW207567,

574	HTEEZ83	874580	correspond to the positions of nucleotide residues shown in SEQ ID NO:573, and where b is greater than or equal to a + 14.	AI868916, AI685626, C01650, AI348979, AI345050, AI349742, AI349945, AI252714, AI335443, AI792528, AI366990, AI309420, AW268933, AW268740, AI311280, AW303051, AI345584, AI591260, AI612044, AI583824, AC001228, AC005950, U89364, AF000571, AJ006345 AI652168, AI651235, AL042672, AA400642, AA400512, AA858062, AI088345, AA723155, AI338998, AW044201, AW136063, AI884679, AA705472, AA262758, AA704320, AA291080, AI811206, AA723178, AA291079, AA262837, H05256, AI968448, R24786, AI910465, AI025371, R24812, AI797676, AA724915, AA541358, AA343915, R45518, R14022, T87745, AA134231, AW247425, R16262, R15757, AA284134, R22161, AI699575, AW387568, C05949, W74109, R45541, AF168132, AL080140
575	HBXCF35	874581	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1704 of SEQ ID NO:574, b is an integer of 15 to 1718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:574, and where b is greater than or equal to a + 14.	AA127739, AI742154, AI333531, AI052663, AA127793, AI692283, W45616, AA846495, AA481573, AW008912, AA281508, AA287977, AW166514, AI159991, AW167523, AA281507, T96310, AW137033, T96311, AA811477, AA731897, AA743738, AA826191, AA831820, AA767556, AA481261, R39181, AA731754, AA013312, AI569091, AI300619, AI598243, AI095640, AA287919, AA133808, AI809743, AA452275, AW028689, F10571, AA452825, Z39078, AA286960, AA412437, AA911547, AA910396, AA885060, AA694317, AA215310, T98829, AI972552, AA133667, T99133, AA428756, AA452964, AA496281, T07471, W22515, AA991752, AA707671, AA670160, N99622, AI914231, AA872108, R84735, AA412436, W45562, C02163, AI884622, AP000516, AB014087, AC004190, AB014086, AC004188 AA609891, AL121603
576	HWMBF85	874584	Preferably excluded from the present invention are one or more	

577	HCROA06	874588	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 646 of SEQ ID NO:576, b is an integer of 15 to 660, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:576, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 560 of SEQ ID NO:577, b is an integer of 15 to 574, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:577, and where b is greater than or equal to a + 14.</p>	<p>AW025497, AA934033, AW027391, AI279552, AW190440, AI829980, AI936913, AA493644, AA493494, AW015057, AA179182, AA664457, AA321511, AI912710, AA081836, AI879337, AA150887, AA452922, AA366205, AA493856, W81213, AW168414, H47788, W37231, W30867, AA587437, AW170353, AA334943, AI057549, AW385257, AW387041, AA595193, N80045, AI346027, AI718738, AW163282, AI702793, AW382665, AA339133, AL137514</p>
578	HAPAY77	874590	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 925 of SEQ ID NO:578, b is an integer of 15 to 939, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:578, and where b is greater than or equal to a + 14.</p>	<p>AA490685, AI753700, AI214598, AA527740, AA651751, AI417662, AI673636, AW302471, AI984768, AA628084, AA501592, AI537648, AA664579, AA490463, AA357394, AI915016, AA410310</p>
579	HUSYW93	874592	<p>Preferably excluded from the present invention are one or more</p>	<p>AW294990, AI609583, AI708016, AW006108, AW163632, AA054347, AI076486, AA805672,</p>

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 764 of SEQ ID NO:579, b is an integer of 15 to 778, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:579, and where b is greater than or equal to a + 14.</p>	AA063039, AA430074, AA888790, AI014918, AI828713, AI221602, AA579954, N57530, AA593129, H91141, AW130274, AW408192, AW162983, AI536783, AW131695, AA541779, T99047, AW075255, R64292, AA687588, H63290, R64176, H63732, AI927555, R77508, R84822, AA506597, H83676, AA320359, AI818493, AI688753, H91189, AA719412, AA063074, AW059671, R00556, H94447, C01999, AI280539, R87805, AW009011, R48665, H99403, R62277, F28513, R50507, AA093376, R00662, H94441, H21809, AW265154, R50593, AI918452, R48566, T25095, AA089719, W37374, AI924051, AW151974, AI686576, AW022904, AI363944, AA838319, AA641818, AI866469, W60360, AA715307, AW087217, AI872423, AI866465, AA761557, AI801325, AI673278, AA809974, AL038635, AI538850, AI859991, AI582932, AI633125, AI815232, AL045619, AI889189, AI567971, AI927233, AA748353, AI491842, AI114461, AI440238, AI559752, AI686565, AL048538, AI631240, AW020693, AI611728, AI923989, H41759, AI469754, AI912573, AI086783, AL045375, AI889191, AI890907, AW160905, AI909661, AI049859, AI613038, AA587120, AL121328, AA282824, AI827229, AI521560, AL080011, AI683395, AL045620, AI887785, AI798404, AI471909, AI289791, AI683568, AL121270, AI064830, AI590043, AL079963, AL121463, AI539800, D44497, AR015970, AF076464, AL117590, AF090934, AL133049, E12888, Y10936, AL137281, AL133015, AL133558, X57961, AL122049, D87747, Y13350, E08516, AL117635, I68732, A20553, U30290, X70685, L04504, AC004200, A08907, X72624, AR034821, AL080234, Y09972, Y13653, A08908, X06146, U42766, AF069506, AL117457, M85165, AL137275, AL133072, AL133623, AI2522, AL122110,
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580	HCROE11	874594	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 612 of SEQ ID NO:580, b is an integer of 15 to 626, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:580, and where b is greater than or equal to a + 14.</p>	<p>AL133080, AF080622, AF126247, AL133053, AL133031, I28326, U02475, AL117582, U75304, AL049426, AL133113, D83032, I89944, I89934, AC003686, AF026816</p> <p>AW176083, AA318915, W22801, AI685631, AF123462, L14851, L27869, AB018286, AJ006804</p>
581	HWLVF65	874595	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 631 of SEQ ID NO:581, b is an integer of 15 to 645, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:581, and where b is greater than or equal to a + 14.</p>	
582	HWLWU6 2	874601	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 355 of SEQ ID NO:582, b is an integer of 15 to 369, where both a and b</p>	<p>AL043791, AC005630, AC006328</p>

583	HWLFG75	874603	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:582, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1255 of SEQ ID NO:583, b is an integer of 15 to 1269, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:583, and where b is greater than or equal to a + 14.</p>	<p>AI356559, AW163067, AA443325, AW005140, C18386, R15375, R17389, R60462, H16941, AA442531, AA740299, AA025666, AA443338, R42116, R60229, R42625, AW444512, AW450707, AW157098, AA724594, AA978110, AI810652, AA927875, AI924004, H16834, AI886594, AI376913, AA609873, AW173645, AA578062, AA578362, AA467933, AI147260, R52646, AI672253, AI347103</p>
584	HBCCB62	874605	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1929 of SEQ ID NO:584, b is an integer of 15 to 1943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:584, and where b is greater than or equal to a + 14.</p>	<p>AW361899, AW360942, AA152037, AW376508, AW360762, AW376484, AW377034, AA143780, AA130547, AW377083, AW362544, AA316326, AW062530, AW360980, AW376475, AI813806, AW361304, AA581220, AI829351, AW363244, AA053595, AW376234, AA132781, AA055605, AA099810, AW391364, AW364488, AW360772, AW376489, AW364936, AW376483, AA133927, AA827515, AI891116, AA053542, AA132613, AI590356, AA134894, T29557, AA366310, AA580464, AW360788, AW383505, AW383507, AW362547, AW364960, AW383659, AA127122, AW376062, AW337334, AA134921, AW383465, AW176585, AW383654, AA132368, AW377162, AW360989, AA130584, AW375981, AA366576, AA055606, AI926514, AA151939, AW362727, AA132490, AI940543, AA132688, AL121028, AA126970, AW374618, AW376560, AA327327, AA148141, AW007961, AA053080, AW393447, AW383479, AW193074, AW383495, AA058456, AW383456, U53097,</p>

				<p>AW373781, AW373783, AW373636, AW373627, AA134992, AI940526, AW373707, AW361514, AW365061, AW372246, AW176545, AW375748, AW373705, AW360825, AW375755, AW375758, AW363272, AW375920, AW375781, AW375773, AW391821, AW360800, AW388881, AW389306, AW301319, AW363275, AW361642, AA100303, AW376258, AW389268, AW374922, AW376502, E01630, M15042, M29540, M17303, I08156, AR044683, A43169, AR052807, AR052808, A39900, M16234, X16455, I08155, AC004558, I08165, M29541, A43167, I08158, M18216, M18728, E01972, E01971, X52378, D90064, X16356, I08161, A43165, D12502, I08160, J03858, I08159, I08157, X16354, I08137, D90313, E03352, D90311, E03350, M69176, M72238, D90312, E03351, AC004785, AC005797, X16454, X98311, L31792, AF006622, E03349, D90278, M59256, M59260, M59258, M59257, M59259, M59261, U04349, M59262, M76742, M59709, S74647, A37261, X62151, M16337, M17082, L00693, L00692, D90277, E03348, M22433, AA631275</p>
585	HWLVN89	874607	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:585, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:585, and where b is greater than or equal to a + 14.</p>	<p>AA828034, AI379959, AI857494, AA766435, AA251105, AA252357, AW449785, AA811081, AA825520, AA626324, AW451092, AI281315, AI281259, AI653216, AA767770, AA961612, AA884914, AI910531, AA883131, AL117637</p>
586	HTXQF81	874608	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI346435, AI813687, AI523881, AI246030, AI565163, AA402794, AA477593, AA161137, AI394235, AI814324, AW328354, AA873099,</p>

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1226 of SEQ ID NO:586, b is an integer of 15 to 1240, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:586, and where b is greater than or equal to a + 14.</p>	AA887676, AI280907, AA622341, AA161115, AW386295, AA421577, AA552244, AA574027, AA453330, AI523581, AA826619, AA464842, AA766218, AI246562, AA429353, N63397, AA464528, AA293567, N98676, AI688036, AA897561, AI831467, AA424522, AA160777, AI381579, AI991221, AA130549, AW001996, AI992166, AI857333, AA424374, AA430526, AA777100, AI148183, AA026078, AI332571, W92874, AA099121, AI057323, AI174284, AA421006, AI800148, AA293398, AA856632, AA159370, AA453201, AI720789, AW001345, AA430611, AA428764, AA130586, N95686, AI819980, AA856698, AI831247, AA434191, AA808470, AW406028, AW386371, AA029925, F22574, AA454167, AA402802, AW272436, AI801083, AA430426, AA999657, AA832420, AA857226, AI871010, AI273391, H47425, AI598093, AA830492, N73100, AA826723, AI904954, R96443, AA086361, AA449966, AW193589, AA505268, AA315443, AA053737, AW304217, AA158842, AA947200, AA921703, AA115286, AA758930, AI304791, H69012, AA429056, AW302628, AI091522, AI299197, AW328355, AI719387, AI086972, AA661521, AI935183, AA053217, AI337894, AA588803, AI347946, N66153, AI498213, AW069810, H75395, AI587160, AW387616, AI091629, AW387528, AA402306, AI457944, AI923632, AW387610, AI214251, W17167, AI934695, AW387609, AI089510, AA723089, AA687919, AA159162, AW387605, AW387556, AI718119, AW387612, AW387532, AI261968, AA527012, AW387677, H47338, AW387679, AA759077, AA340466, AW387539, AI261532, AA029924, AW387625, AA761238, AI830407, AW387557, AW387547, AW387583, AW387607, AW387533, AA043896, AI479890, AI907892, AW387587, AA371931, AW387516, AI125665,
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587	HCQDD61	874609	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 861 of SEQ ID NO:587, b is an integer of 15 to 875, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:587, and where b is greater than or equal to a + 14.</p>	<p>AW387597, AW387585, AW387688, AI719846, T99527, AW387608, AW387554, AW387586, AA853552, AW387580, AA099122, AA025486, AW387559, AA379381, AA100577, AW387569, AA852809, AI863946, AA852810, AW387634, AW387584, AA496540, AW178502, AW387595, AW387596, AW366120, AW387553, AW387676, AA617664, AW387668, AI368248, AW387624, T99421, AI610373, AW387631, N92482, AW387694, AA451772, AA657982, AA361238, AA320810, AW379792, AW387558, AW387602, AI720333, AW387646, AW387695, AW387648, T29194, AW387550, AA513191, AI197850, AI939998, AA477464, AW387515, AW387641, AW387601, AW387667, AW263462, AW387636, AW387510, AA161192, R96442, AW387702, T95659, AW387627, AW387591, AW387640, AA290976, AW387544, AW387630, AI707897, D20308, AA159099, AW387621, AW387687, AW082041, AA159106, AI907826, AW387655, AA285059, AA853553, L09604, AF196779, U93305, U16149, AA159465, AA629238, AI364502</p>
588	HMCZ52	874610	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI541205, D50992, T18597, D59751, Z33559, Z32887, AI525500, AI557312, AI557082, AI557533, AI525302, AI535639, AI535660, AI525556, AI557262, AI526078, AI536138, AI541321, N71206, AI525852, AI525316, AI525661, AI557084, AI541450, AI557809, AA058620, AI541075, AI536150, AI541365, AI525856, AI541353, AJ239433, AI557474, R29657, AI546829, AI541034, AI541346, AI540974, AI536070, AI547177, AI535994, AI557408, AI557543, AI557039, AC006544, AC007387, AR050070, A62298, Z30183, A62300, A82595, A82593, U94592, U45328, AI638649, AA554045, AI916034, AW363225, AW363239, AW363251, AI636959, AA994913, AW195875, AW363235, AW363241, AI824374,</p>

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1503 of SEQ ID NO:588, b is an integer of 15 to 1517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:588, and where b is greater than or equal to a + 14.	AA928829, AW363263
589	HDPMG95	874611	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 857 of SEQ ID NO:589, b is an integer of 15 to 871, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:589, and where b is greater than or equal to a + 14.	AI800642, AW263554, AI887303, AI458021, AA314882, AI130978, N26710, AW241266, AI699405, AA182774, AI360350, AI311855, AI005375, AI271798, AI311844, AI160723, AA742481, AI566528, AI698216, AW129007, AA492214, AI743839, AI266624, AI301005, AI287538, AA659788, AW268889, AA905272, AA582830, AA046335, AI202764, AI300917, AA927589, AA513425, Z25235, N67557, AA471214, N34591, AA878914, AA298547, Z28858, AA639426, AI337479, AA770439, AA598461, T57131, AI557848, T57062, AI951303, AI183850, AW362063, I95752
590	HETAD58	874612	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1552 of SEQ ID NO:590, b is an integer of 15 to 1566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:590, and where b is greater than or equal to a + 14.	AL043714, AA594012, AA127722, AW119061, AW303419, AI972370, AI435432, AI492876, AI826550, AW294638, AA127777, AI379516, AA131029, W30941, AA778421, AI768172, AA476693, AA424521, AI351027, AI276089, AA424355, AA927857, AI827221, AI810729, AA961627, AA723153, AA723176, AW303969, N59379, N76483, AA496984, AA812119, AI867487, N59361, AI082110, N29744, AI148665, AI904996, T51025, AA142848, AA912758, AI283747, W02732, AI282438, AI369934, T51117, AW183449, AA863467, AI382967, AA490582, AA813469, AA336481, R43451, AA863119, AI092645, N76464, F34319, AI870701, AA090677, AC004827, AB028994
591	HUFAT62	874614	Preferably excluded from the	AI824005, AI307247, AI625754, AW261982,

592	HODCH47	874615	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1178 of SEQ ID NO:591, b is an integer of 15 to 1192, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:591, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 387 of SEQ ID NO:592, b is an integer of 15 to 401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:592, and where b is greater than or equal to a + 14.</p>	<p>AI679467, AI078259, AA122264, AI335252, N27830, AA994930, AA111902, AI498311, AA373210, AI625756, AA633551, AA455980, N21680, AA085843, AA938642, H91768, AA371497</p>
593	HWLV180	874618	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 640 of SEQ ID NO:593, b is an integer of 15 to 654, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:593, and where b is greater than or equal to a + 14.</p>	<p>N30618, AA740983, AI128279, AW377181, AI160827, AI128274, AI222682, AI872758, AI590486, AI399979, AA523695, U93305, AF196779, AF165926, AC004983, Z85986, AL031681, U80017, AL033527, AC006160, AF045555, AL132712, AP000036, AL050307, AC002470, AL121603, AL031003, AC006255, Z98884, AF001549, AC005300, AC005031, AC004033, AC005486, AC007386, AC005189, AC005288, AL024507, AL049569, L44140, AC005412, AL022721, AP001063, AC005924, AC009509, AC005081, AL050332, AL049699, AL049631, AC002456, AP000345, AL021154, AL035458, AC007041, AC005730, AL049759, AC006367,</p>

594	HNGBW96	874619			AL035413, AP000510, AC007688, AC002418, AC004386, AC005800, AL080243, AC007899, Z99495, AL034420, Z97832, AL049589, AC004000, AF1111168, AC006071, AC005011, AL049856, AC002544, AC005071, AC005736, AC005332, AC005057, AP000155, AC009516, AL109627, AC005562, AC005899, AC004382, AF053356, AC007327, AP001052, AC006241, Z97989, Z82244, AF196971, AC004253, AP000047, AC004805, AL139054, AP000263, AC002288, AC002394, AF030453, AC004813, AC005377 AA748492, AA281066, AI038581, AI042300, AA588218, N95542, AA243343, AA448626, AA603589, AA452281, AA824559, AI524537, T50481, F10009, AI004187, AA810738, T63277, C01253, AA876044, AI557234
595	HOSOL09	874620		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 668 of SEQ ID NO:594, b is an integer of 15 to 682, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:594, and where b is greater than or equal to a + 14.	AI913535, AI762854, AI677912, AI758705, AI825702, AI740876, AA412665, AI800271, AA883055, AI823434, AA134753, AA845774, AA491093, AW204604, AA598723, R73497, AI535824, R73498, AA134752, AI535821, D62016, AI332677, AA993841, AA293681, AI598069, R77771, N68128, AA761684, AW370473, AW370408, AI758562, AI754802, AA075272
596	HWLMK5	874621		Preferably excluded from the	AI718512, AI748996, AI951481, AI745085,

6	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1583 of SEQ ID NO:596, b is an integer of 15 to 1597, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:596, and where b is greater than or equal to a + 14.</p>	<p>AI809713, AW188163, AW103479, AI721217, AW007667, AI828182, AW004850, AI628538, AI686915, AW070523, AI962963, AI697298, AI471537, AI635101, AI889467, AI978632, AW190605, AW167961, AI571882, AW129970, AI922593, AL047838, AI579919, AW055284, AI955311, AW242156, AW272287, AI743468, AW129586, AI624711, AI625272, AI684079, AI679591, AA424668, AI679333, AI469222, AI571037, AW029090, AI809712, AA130871, AA528645, AI459465, AI540550, AA528637, AI024785, AA406196, AA411381, AA577525, AI333612, AI687294, AI241214, AI299682, AA483903, AA847578, AA424571, AI889684, AA502398, AA580416, AA130926, AA835115, AI707527, AW075441, AI216279, AI886530, AI579897, AI285185, AI285353, AA908633, AA724605, AI219442, AI269213, AI038566, AA7196292, AW361641, AI824537, N92767, AA527850, AI475347, AI078813, AA443854, AI074078, AA846205, AI803815, AI300799, AA983659, AI689710, AI289495, AI022819, AA548485, AA554075, AA235136, AW193746, AI538623, W33013, AA158014, W32964, AI123271, AA635113, AI567018, AA157929, AA526284, AA113218, W39707, AI702978, AA137210, AA446644, AI364251, AA493629, W15485, W19420, W35400, W37704, R81916, AA146623, AI494071, AW132100, AA055858, AI215543, AA158159, AI625623, AI284796, AA160230, AW372994, AI362334, AA234829, AI890170, AA492337, AI540630, AA975975, AI355511, AW372993, AI273060, AI269466, AA121220, T92910, AA921713, AI879463, AA911150, AA121180, AW188810, AA160229, AI420818, AI027882, W37705, AI261387, AA952991, AI459610, R81812, AI471346, AI287287, AA975982, AA056345, AI868149,</p>
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597	HWMBE67	874622	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:597, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:597, and where b is greater than or equal to a + 14.</p>	<p>AI364013, AA843969, AI648613, AW189830, AI860872, AI264210, AA991650, AI870054, AA055808, AA157928, AI540417, AA948420, AW168044, AW149942, AW168037, AW385044, AI459644, AA143554, AI340883, T27688, AW051181, AA319982, AI886222, AI611741, AA158227, AI926113, AW025152, AI687877, AW050533, AI521903, T10928, AI648637, AI915472, AI682186, AI473510, AW364115, W31924, D25749, T93002, AA136491, AA053153, AW189650, W31719, AA056712, AI559842, AA121076, AA659825, AA610345, M33011, X14758, M26481, M32306, I06776, M93036, M93030, M93029, I06778, M93034, I06777, M93033, M93031, M93032, M93035</p>
598	H2CAA08	874623	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 418 of SEQ ID NO:598, b is an integer of 15 to 432, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA617802, AI027663, AP000542, AJ239321, AC007036, AC002379, AF117829, AL031074, AL031054, AC006465, AL133247, AL133396, AF003530</p> <p>AA306953, U53823, U49184, U49221, U49185, AB016425</p>

599	HCRNH24	874624	<p>NO:598, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1305 of SEQ ID NO:599, b is an integer of 15 to 1319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:599, and where b is greater than or equal to a + 14.</p>	<p>AI680732, AA129660, AA932629, AI302712, AW296343, AW103527, AI696519, AA889147, AA962323, R85409, AA342648, T78937, N71662, H90863, H82431, H95348</p>
600	HUFDO17	874625	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 959 of SEQ ID NO:600, b is an integer of 15 to 973, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:600, and where b is greater than or equal to a + 14.</p>	<p>AI219807, AA459990, H47315, H03229, AA461319, R96595, H83599, D79440, AW022256, AA249406, T06164</p>
601	HE8QX06	874626	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1459 of SEQ ID NO:601, b is an integer of 15 to 1473, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI655888, AA496957, AI082409, AA481278, AA256248, AA424608, AA255986, AA481584, R72315, W92878, R16032, AW008646, R66195, AI669890, H56520, R67074, AA401875, R72278, W92777, AA480879, R62194, AA398470, R62168, R62278, R26962, AI572490, D63178, H56702, AA835846, R26733, AA424540, AI745338, AW051062</p>

602	HWMCf68	874628	<p>NO:601, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 467 of SEQ ID NO:602, b is an integer of 15 to 481, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:602, and where b is greater than or equal to a + 14.</p>	<p>AA873395, AI732843, AI732974, AI245199, AI791371, AA746322</p>
603	HWAGI58	874630	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1653 of SEQ ID NO:603, b is an integer of 15 to 1667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:603, and where b is greater than or equal to a + 14.</p>	<p>AI928153, AW293147, AI922880, AW189087, W38669, AA436733, AA406426, AA488113, N92583, AI949783, AW002403, AI671171, AI620653, AI597676, AA664702, AA410435, AA484729, AI554442, W37186, AI424838, AA570240, AA227850, AI083617, AI401498, AI440533, AW148677, AW449553, AI521319, AI290235, Z33599, AA137130, AI813887, AW021759, AA127412, AW029443, N22858, AA719092, C03295, AI806504, AA137059, AI184062, AI754123, AI273172, AA151253, H03753, N62604, AA262368, AA872321, AA528398, T31453, AA860343, H99866, AI355764, AA669437, AI457200, Z25006, AI784096, AA854278, H02858, AA610238, AA151252, AA812799, AA860538, R22379, N78372, AI753885, R21529, N30375, AI872973, AI799035, R53933, D62118, R26946, AI699830, R21637, R58459, C02929, R31678, R26721, R21879, AA722471, AI565876, AW293611, R31720, AI791789, AI791785, AI858806, AI536978, AI733374, AI733378, AA971532, AA971635, AA748757, U72935, U72936, U72937, U72938, U75653, U97103, AL109753, X83753, AL021328, U09820</p>

604	HAAAAA25	874631	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1179 of SEQ ID NO:604, b is an integer of 15 to 1193, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:604, and where b is greater than or equal to a + 14.</p>	<p>AI680985, AA554513, AA877139, AA807892, AA514409, AI250782, AI214214, AA625531, AA593396, AI224033, AI016409, AI538453, AI281360, AI274110, N22772, AA722760, AI093842, AI249030, AI539329, AA550843, AI140319, AI828736, AA972406, AI688907, AI337957, AI339781, AI278350, W87861, AA975567, AA857219, AW167933, W87741, AI474024, AI538452, AI278811, AA464600, AA477850, AA527483, N31654, AA857170, H58025, AA235530, AI051600, AW384171, H24033, AW384172, R45453, AW023520, AW384760, AI989439, AA737307, AA923634, AW129709, T29737, AA568370, AA477744, AA641366, AA344094, AA298522, R11264, R43413, AI286350, F02958, AA908416, AA908367, AA703369, AW021464, R48004, AA304930, R11207, H57934, R43857, D19854, AA410662, AI003385, AR009803, K00535, J00120, D10493, M38057, L00058, X54629, K01906, X00198, K02276, M88115, V00568, M88116, M22728, X00247, X97040, X13232, Y00396, Z68501, K01904, E01841, L00039, X01023, X00197, M15078, X95367, M25762, U37688, A76272, M19724, X66258, U62109, X53248, AF076523, M13930, I24429, I24433</p>
605	HHEIW79	874632	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:605, b is an integer of 15 to 438, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:605, and where b is greater than or equal to a + 14.</p>	
606	HNGGK17	874635	<p>Preferably excluded from the</p>	<p>AI738940, AI823886, AI738657, AI922948,</p>

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2660 of SEQ ID NO:606, b is an integer of 15 to 2674, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:606, and where b is greater than or equal to a + 14.</p>	<p>AW151581, AW149592, AI589830, AI589257, AI925870, AI954062, AI567725, AI583988, AI092891, AI813322, AI888900, AI144269, AI934468, AI201811, AW385059, AA010762, AA402611, AI377794, AA313622, AA885094, AA406315, AA411291, AI809416, AI200547, AI694616, AI311372, AI359746, AI284191, AI46577, AA250735, AI359731, AA421634, AI141252, W04357, AA459305, AI344678, AA905976, AA011123, AI916640, AI985038, AI693949, AA040561, AA741284, AA459536, AI751888, AA934389, AI910848, AI378236, AA410941, AI621273, AI274157, AI652270, AA622327, AI367816, AI216339, T54296, AA131112, AA402667, AI347253, AI274675, W96147, AA601964, W96281, AA058886, AI751889, AI884899, T32260, AW050753, AW016844, R83684, AW004614, AA100722, AA335522, AI283677, AA077166, AA232900, AI473399, AA340606, T54403, AI205557, AA045493, N33747, AI365391, AA353120, AA503782, N74265, AA131084, AA501834, AI383529, AI383218, C05771, T16555, AA601954, AA410741, AA293312, AI383672, AA232901, AA235598, AA291831, AA443910, AW376496, AA988530, H21820, AA994695, AA477067, AA077245, AI266246, AW304069, AF068229, AF046889, AF046783, AL049952, AC004876</p>
607	HCRQG35	874636	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1595 of SEQ ID NO:607, b is an integer of 15 to 1609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI740748, AL110389, AA811379, AA782486, W19409, AA878648, N90129, W16730, AW102682, AI051040, AA805166, AI868693</p>

608	HSODQ11	874638	NO:607, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 906 of SEQ ID NO:608, b is an integer of 15 to 920, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:608, and where b is greater than or equal to a + 14.	AI806674, AI336314, AW117211, AA854185, AW206748, AA777170, AA862948, AA618065, E17301, AB024568, AB007917, AF060178, D88811, E17300
609	HWLMR54	874639	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 269 of SEQ ID NO:609, b is an integer of 15 to 283, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:609, and where b is greater than or equal to a + 14.	AA971969, AI768790, AW134542, AI493522, AI681577, AI952974, AI559404, AI953261, AW390824, AL042965, AI142137, AI142139, AL119483, AL134538, AL134920, AL134531, AL134533, AL042896, AL119497, AR060234, AB026436
610	HWLNI19	874640	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:610, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	R63925, AA809424, AL134524, AL045327, AL134110, AL047163, AL042898, AL045328, AL037295, AL038651, AL038838, AL037343, AI547295, AL038983, AI142134, D29033, AL037727, AL037436, AL037335, AL037323, AI318479, AL135012, AL037443, AL038532, AL038761, AL038822, AL037435, U46344, AL040472, AL043941, AL039432, AL045753, AL044125, AL038878, AL043923, AL043814, AL047012, AL041238, AL044186, AL040617, AL043845, AL041347, AL040193,

			NO:610, and where b is greater than or equal to a + 14.	AL040444, AL040463, AL047170, AL044037, AL041635, AL040294, AL044064, AL041459, AL041577, AL044162, AL042135, AL047219, AL040625, AL045684, AL041752, AL046850, AL040768, AL045671, AL046994, AL046914, AL048714, AL040052, AL043496, AL043538, AL040621, AL040464, AL040510, AL043467, AL043677, AL040839, AL043492, AL041602, AL044074, AL041730, AL041523, AL043627, AL041374, AL043848, AL043570, AL047183, AL045494, AL042523, AL048657, AL046442, AL041324, AL049018, AL041133, AL039316, AL041098, AL040322, AL046392, AL040119, AL044272, AL044258, AL041168, AL041163, AL038040, AL041159, AL045817, AL045920, AL040148, AL079852, AL047057, AL040458, AL044187, AL041296, AL038041, AL041358, AL041292, AL040571, AL045990, AL044274, AL039338, AF176555, AR066494, AJ238010, A93923, D17247, A93916, AR064707, A93931, A85203, AR023813
611	HFPHT42	874642	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1055 of SEQ ID NO:611, b is an integer of 15 to 1069, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:611, and where b is greater than or equal to a + 14.</p>	AI956173, AI807369, AI589822, AI571799, AI890926, AA028956, AA847313, AA709374, AA054754, AA029099, AI914642, R40748, H62853, N93504, R42692, AA027847, R38295, AI023016, AA872259, R42691, AF043293, AA026086, AI559787, AI474599, W21316, AA027880, AA053285, AW383148, AW383265, AW383202, AW362198, D59275, C14331, D80164, D80166, C15076, C14429, D81030, D59859, D59467, D51423, D80195, D80227, D59502, C14389, D80038, D58283, D80024, D80022, D59787, D80253, D59619, D80210, D51799, D80391, D80240, D80043, D80269, D80378, D57483, D80212, D50979, D80193, D80196, D80188, D80219, D59927, D80366, D59889, D50995, D59610, D51060, D80045, D80241, AA305409, T03269, AW178893, C75259, C14014,

AA305578, AW177440, D51022, AW179328, D59695, D81026, AW378532, D80134, C14407, AI557751, D80522, D51250, D52291, AW178775, AW352158, D80268, F13647, D80251, AW369651, AA514188, D58253, D80248, D80949, AW178762, D80168, C14298, AI910186, C14227, D80064, AI905856, D51079, AW177501, AW177511, D81111, AA514186, D80133, AW360811, AW352117, Z21582, C05695, AW378540, AW176467, AW375405, AW377671, AW366296, AW360844, AW360817, D80132, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D80302, D51097, AA285331, AW177505, D51103, AW352171, D80439, AW377676, AW178906, AW352170, AW177731, AW360834, AW178907, AW179019, AW179024, D59373, D80247, AW179020, AW360841, AW178909, AW177456, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, AW179220, AW352174, AA809122, AW179004, AW179012, T11417, AW178914, AW378525, C06015, D80157, H62973, AW177722, AW177728, AW367967, AW179009, D51759, AW178774, AW178911, AW378543, D80014, AW352163, D80258, AW178983, AW352120, D58246, D59503, AI557774, AW178781, T48593, T03116, D59627, AI535961, D45260, D58101, C14344, AW177723, D59653, T02974, AW177508, AI535850, C14975, AW378539, AW367950, AW378533, H67854, C03092, H67866, AI525923, D59317, AI535686, AW177734, D51213, AW177497, AW178986, AI525917, D45273, C14973, N66429, D51221, D59551, D59474, D60214, AF035279, I33392, I33391, U31628, I33393, I33394, A84916, A62298, A62300, AJ132110, Y17188, AR018138, A25909, X67155, D26022, A67220, D89785, A78862, D34614, X82626, D88547, AF058696, AR008278, I82448, AB028859, AR025207, AR016808, A82595, X68127, Y12724, AB012117,				
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612	HLWCT94	874644	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 885 of SEQ ID NO:612, b is an integer of 15 to 899, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:612, and where b is greater than or equal to a + 14.</p>	<p>AR060385, A94995, A30438, AB002449, A85396, AR066482, A44171, X93549, A85477, I19525, A86792, AR008443, U87250, I50132, I50126, I50128, I50133, X64588, AR066488, AR016514, Y17187, AR060138, A45456, A26615, AR052274, Y09669, AR016691, AR016690, U46128, A43192, A43190, AR038669, AR066487, AR066490, I14842, AR054175, D88507, I18367, AR008277, AR008281, Z82022, D50010, AF135125, I79511, U79457, A63261, AR008408, AR062872, A70867, AB033111, D13509, A64136, A68321, AR060133, AR064240, U87247, AR060382, AF123263, AR032065, X93535, AR008382</p> <p>AA478655, AA281301, AW195482, AI741900</p>
613	HWMBL25	874645	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:613, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:613, and where b is greater than</p>	<p>AA948091, AI453828, AI052644, R82937, H90431, R08446, AA886615, AA522578, J02960, M15169, X04827, X94608, Z86037, A65720, J03024, Y00106, X17607, L39264, AF000134, AF192345</p>

614	HWLOU23	874646	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 497 of SEQ ID NO:614, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:614, and where b is greater than or equal to $a + 14$.</p>	R25818	
615	HWLOZ82	874650	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 491 of SEQ ID NO:615, b is an integer of 15 to 505, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:615, and where b is greater than or equal to $a + 14$.</p>	AW081540, AI479037, AW072272, AW117189	
616	HWMBF50	874651	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 764 of SEQ ID NO:616, b is an integer of 15 to 778, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:616, and where b is greater than</p>	AI245986, AA515492, AI673581, AC004080	

617	HLYAZ23	874652	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 736 of SEQ ID NO:617, b is an integer of 15 to 750, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:617, and where b is greater than or equal to $a + 14$.</p>	<p>AA868475, AW276441, AA483003, AWO23737, H92076, AA603869, R47433, H92126, AL022329</p>
618	HWLNL53	874653	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 437 of SEQ ID NO:618, b is an integer of 15 to 451, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:618, and where b is greater than or equal to $a + 14$.</p>	<p>AI057197, AI868634, AI968927, AI969377, N21608, AI365444, AI792468, AI734237, W25410, AI284326, AA430371, AI111175, AA421352, AI989368, AW183729, AI864157, AI014596, AW263212, AWO28627, AI340066, AI819819, AI821683, AI821592, Z22333, Z22341</p>
619	HWLOZ25	874654	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1066 of SEQ ID NO:619, b is an integer of 15 to 1080, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:619, and where b is greater than</p>	<p>AI300570, AA481010, AI741320, AW270128, AI923117, AA760756, AI700414, AI925690, AA931348, AI373110, AA410291, AI275438, AI806701, AI807284, AA410330, AA702457, AA629745, AA703535, AI698191, AI150957, AW085055, AA553435, AW264870, AW264869, AA805375, AI860479</p>

620	HWMBV2 7	874655	or equal to $a + 14$. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 809 of SEQ ID NO:620, b is an integer of 15 to 823, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:620, and where b is greater than or equal to $a + 14$.	AI248764, AW239443
621	HCRQH42	874656	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 706 of SEQ ID NO:621, b is an integer of 15 to 720, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:621, and where b is greater than or equal to $a + 14$.	AW243038, AI084420, AC006008, AC005998
622	HWLOR14	874657	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 318 of SEQ ID NO:622, b is an integer of 15 to 332, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:622, and where b is greater than	AI339915, N57314, N32216, AI206520, AI681296, AW025016, C21215, AI582927, AI640316

623	HWMBB0 3	874658	or equal to $a + 14$. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 496 of SEQ ID NO:623, b is an integer of 15 to 510, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:623, and where b is greater than or equal to $a + 14$.	H80552	
624	HWLOW5 7	874659	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 639 of SEQ ID NO:624, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:624, and where b is greater than or equal to $a + 14$.	AA916992, AA94070	
625	HWLOO77	874660	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 407 of SEQ ID NO:625, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:625, and where b is greater than or equal to $a + 14$.	AI203411	

626	HWLOZ54	874662	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 486 of SEQ ID NO:626, b is an integer of 15 to 500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:626, and where b is greater than or equal to $a + 14$.</p>	AA743433, AA813913, AA441931, AW305281, H11884
627	HWLMOI 9	874665	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 531 of SEQ ID NO:627, b is an integer of 15 to 545, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:627, and where b is greater than or equal to $a + 14$.</p>	R63068, AA699972, AF139786, R63109, AI969279, AL119324, AL119457, AW392670, U46351, U46349, U46350, AL119418, AL119443, AL042544, U46347, Z99396, AL119399, AL119319, AL119341, AL134902, AW372827, AW363220, AW384394, AL119391, AL037205, AL119484, AL119483, AL119464, U46341, AL119355, AL119401, AL119439, AL119363, AL119444, AL119497, AL119522, AL134531, AI142131, U46346, AL134525, AL134536, U46345, AL119335, AL043019, AL134538, AL119396, AL119496, AL042450, AL043029, AL042433, AL042542, AL042614, AL043003, AL042975, AL042984, AL043033, AL042965, AL042551, AF075009, AC004924, AB019440, AC007275, AR066494, AR060234, AB026436, A81671, AR054110, AR069079, AR043113
628	HWLMA6 8	874667	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 665 of SEQ ID NO:628, b is an integer of</p>	AW003119, AI090979, W69114, N29472, AA424883, AI522230, H82475, AA887087, AI744558, AA887101, AC005876

629	HWLNH87	874670	15 to 679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:628, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 891 of SEQ ID NO:629, b is an integer of 15 to 905, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:629, and where b is greater than or equal to a + 14.	AI355520	
630	HOOHE79	874671	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:630, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:630, and where b is greater than or equal to a + 14.	AI936089, AA905056, AI005349, AI051256, AA464408, AI097653, AA514868, AI767261, AA649112, AA455524, AA977858, AW235953, AI823386, AA737089, AL042898, U46344, AL046273, AL045891, AL045921, AI547258	
631	HWLOJ08	874672	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 364 of SEQ ID NO:631, b is an integer of	T49824, AA053445, AI200727, AI992221, AI799324, AI362905, AI738764, AI367317, AI000424, H16251, AW137183, AI375561, T49823, AW020216, Z99396, AW392670, AI474064, U46349, AL119319, AL119522, AW372827, AL119443, AL119483, U46351, AL119484, U46350, AL119391, AW384394, AL119439, AW363220, AL036418, AL038837, AL119457, AL119497,	

			<p>15 to 378, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:631, and where b is greater than or equal to a + 14.</p>	<p>AL119324, AI142137, U46347, AL037051, AL036725, AA631969, AL119335, AL119444, AL119418, AL119363, AL037205, AL119401, U46346, AL119355, AL042614, AL134531, AI142139, U46341, AL119341, AL119396, AL043019, AL134524, AL036858, AL134525, AL039074, AL119496, AL036924, AL134528, AL134530, AL134519, AL119399, U46345, AL134518, AL134538, AL134526, AL042544, AL042896, AL042984, AL042965, AL042975, AL042542, AL037085, AL043029, AL042450, AL043003, AL039564, AL038509, AL039085, AL042551, AL039156, AL039108, AL039109, AL039128, AL037094, AL036268, AL037526, AL036196, AL036190, AL037082, AL037639, AL119464, AL038520, AL036767, AL037077, AL036998, AL038851, AL036733, AL037615, AR060234, AR066494, A81671, AR023813, AR064707, AB026436, AR054110, AR069079</p>
632	HBCBF08	874673	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:632, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:632, and where b is greater than or equal to a + 14.</p>	<p>U82695, AF151107, AF151108, AL049866</p>
633	HWHGZ23	874675	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 655 of</p>	<p>AA622392, AI215628, AI346006, AW268901, AW192528, AA931650, AA627385, AW087522, AI351272, AI310053, AA548906, AA781491, AI868907, AA512893, D45784</p>

634	HWLOP85	874678	<p>SEQ ID NO:633, b is an integer of 15 to 669, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:633, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 391 of SEQ ID NO:634, b is an integer of 15 to 405, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:634, and where b is greater than or equal to a + 14.</p>	
635	HUSGX66	874679	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1315 of SEQ ID NO:635, b is an integer of 15 to 1329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:635, and where b is greater than or equal to a + 14.</p> <p>AA455712, AI811577, AA455657, AI139121, AI275409, N80080, AI927568, AI927562, AI139471, AA160473, AI587600, N59184, AI718928, N39140, AA723097, AI719983, AI335776, N78795, AA732097, W05057, R39073, W07223, AI864812, AA832398, N74667, N75923, N46550, AL119453, D19825, H89600, U66561, AL021918, AL031118, AA830689</p>	
636	HCRQM95	874680	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of</p> <p>AI887957, AI377535, AI803412, AI365236, AI916520, AI420581, AI216221, AI167532</p>	

637	HPWAI57	874682	<p>SEQ ID NO:636, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:636, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1202 of SEQ ID NO:637, b is an integer of 15 to 1216, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:637, and where b is greater than or equal to a + 14.</p>	A87678, A87679	
638	HWLOQ35	874683	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:638, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:638, and where b is greater than or equal to a + 14.</p>	AW006294, AA744520, AI651714, AI263342, AI868001, AA713976, AI950571, AA253393, AA236977	
639	HE2EA79	874684	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1255 of</p>	AI744509, AI471561, AW104671, AI743782, N56950, AI358155, AA129551, AI493213, AW263313, AW375671, N22107, H46617, AA136565, H39587, AI014857, AW371735, AA687548, H26480, AI078667, F00545, AW023186, AA843086, AA939320, AA425438, AW264264, D25988, AW087311, AA526886, AI096403,	

<p>SEQ ID NO:639, b is an integer of 15 to 1269, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:639, and where b is greater than or equal to a + 14.</p>	<p>H40017, H88197, AI096401, AA503479, AA501971, H26319, H83564, AA322124, AA372778, AW375657, AI686136, N75489, AI476089, AI088717, AA581177, AI003734, AI460390, AA720732, AI937850, AA381762, AI184354, AA665293, AA655002, AW440935, AA074130, AA649553, H70615, AA968509, AI348611, N84245, AW242020, AA843450, AI357551, M18217, AF051561, AP000563, AC005342, U47924, AF064861, AC005057, AC006111, AL109758, AC007488, AP000133, AP000211, AL022721, AC007536, AC006251, AC004821, AL035072, AC009516, AC002558, AC007216, AF107885, AC006539, AC005944, AC005755, AC004967, AC004236, AC005210, AL021808, AF001552, AC000066, AC010582, U96629, AC006449, Z85986, AC004878, AC005330, AC002540, AP000553, AC002994, AC005740, U95742, AC002563, AC002544, AC000052, AC005378, AC011311, AL121653, AC006205, AF045555, AP000692, AC004383, AJ010770, AL008635, AC001231, AC004019, AP000493, AC006130, AC005399, AP000505, AC004263, AL049758, AC002425, AL133445, AC005372, AL109827, AC005037, AC006480, AC006120, AL096791, AL031431, AC005411, AL049759, AC005696, AP000961, AC004386, AC003029, AC005821, Z84469, AC005874, AF134471, AC005225, U95740, AL049872, AC006001, Y14768, AC002350, AP000510, AC002041, U91326, AC000026, AC004859, AC007066, AC005233, AC005226, AL034548, AC009405, AL049760, AC005261, AC005800, AC005081, AL021397, AC003041, AL109984, AJ003147, AL034451, AL049709, AF053356, AP001037, AL132777, Z84480, AC007666, AC006285, AC007050, AC002377, AC002070, AF196969, AC005274, AC006261, AC005531, AC002565, AC005594, AL135783, AC002542,</p>
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640	HWLOI43	874688	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 677 of SEQ ID NO:640, b is an integer of 15 to 691, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:640, and where b is greater than or equal to a + 14.</p>	<p>AC005288, AP000552, AP000152, AL049694, AF196779, AL035699, AC002347 AI434204, AI825202, AW263495</p>
641	HCRQM44	874689	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 590 of SEQ ID NO:641, b is an integer of 15 to 604, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:641, and where b is greater than or equal to a + 14.</p>	<p>AI655499, AI655518, AA229021, AA935461, AI934387, AI792543, AI053710</p>
642	HCRMZ25	874695	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 947 of SEQ ID NO:642, b is an integer of 15 to 961, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AL037381, AA921743, AA813075, AW294816, AA709202, AC009509</p>

643	HCROB95	874696	<p>NO:642, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:643, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:643, and where b is greater than or equal to a + 14.</p>	N72329, AA459727, AW392671, AL049766
644	HWLXN82	874697	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 405 of SEQ ID NO:644, b is an integer of 15 to 419, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:644, and where b is greater than or equal to a + 14.</p>	AW015211, AI264462, AI285215, T05692
645	HWLXW0 8	874699	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 641 of SEQ ID NO:645, b is an integer of 15 to 655, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI767447, AI766077, AI735760, AA993877, AI825978, AI917242, AI016453, AI126039, AW022857, AA127250, AW139495, R60691, AW021848, AI984586, AI242322, R39813, R24208, AI479579, AW196253, Z40634, AA127231, H10019, F03822, AA577386, AI382340, T61246, AA092616, AI868839, AI245091, AW372310, AA644511</p>

646	HWLV69	874700	<p>NO:645, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 444 of SEQ ID NO:646, b is an integer of 15 to 458, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:646, and where b is greater than or equal to a + 14.</p>	<p>AA307263, AW085751, AI267285, AA524604, AA372958, AA174108, AI889236, AL079553, AI567976, AA484321, AA210951, AI696455, AA676462, AI754926, AA513196, H65856, T05648, AA669458, H94719, AA199578, AA845690, T73227, AI000381, AI590404, AL110280, AF109907, AL034430, AL033543, AC001228, AL034548, Z82244, AC004615, U80017, Z94161, AC007093, Z68287, Z98048, AL031295, AF060911, AP000695, AP000696, AL121652, AD000092, U91325, AC005082, Z81365, AC005225, AC004707, AC005231, AC004150, AC002395, AL031005, AC002117, AC007225, U47924, AC005060, AL034417, AL133163, AC005593, AL031259, AC005412, AL008720, AP000692, Z82215, AC006285, AC007065, AC004797, AB014079, AC006139, AL031255, AC005206, AL049743, AL035593, AC005667, AP000514, Z97876, Z93023, AL035420, Z98946, AC006120, AL022170, AC006029, AF196779, AC005071, AC007371, AP000350, AC008055, AC006515, AC000111, Z93241, AL021392, AL121657, AL109628, AC005031, AL031775, AL049745, AC005828, AC003108, AL133448,</p>
647	H2CBD62	874701	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 271 of SEQ ID NO:647, b is an integer of 15 to 285, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:647, and where b is greater than or equal to a + 14.</p>	

648	HMSAQ57	874702	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1858 of SEQ ID NO:648, b is an integer of 15 to 1872, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:648, and where b is greater than or equal to a + 14.</p>	<p>AC005666, AF118885, AL034555, AC005048, AL133243, AC005180, AF038458, AL022099, AC005694, AP000359, AL078581, Z95113, AC006011, AC005553, AC005529, Z93930, AF205588</p> <p>AW451074, AW130600, AI862553, AI051950, AW299675, AW139740, AW073410, AI764978, AI092240, AI654439, AI498686, AI147089, AI823941, AI375756, AI082198, AI311457, R16260, AA459894, AW304679, H12109, AI985201, AA860539, W03774, AA744884, AA704679, AI081657, AA032035, R55508, AW338881, AI700853, Z45437, T75489, R55509, AI768483, R44809, R16259, Z41144, H12110, T75528, AI373046, R19144, AI393085, AA682663, AI765743, AI915400, F04608, F17928, AI656550, AI655676, F31453, N79255, AI913700, AI345369, AI345363, AI370066, T66718, T66719</p> <p>AA280627, W65462, W65463, AA569964, AI474861</p>
649	HCROD17	874703	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 826 of SEQ ID NO:649, b is an integer of 15 to 840, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:649, and where b is greater than or equal to a + 14.</p>	
650	H2CBN90	874704	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 809 of SEQ ID NO:650, b is an integer of 15 to 823, where both a and b</p>	<p>AA307843, AA313349, W27338, AA333675, T24466, AB005549</p>

651	H2CBP17	874707	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:650, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 527 of SEQ ID NO:651, b is an integer of 15 to 541, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:651, and where b is greater than or equal to a + 14.</p>	AA307703, AI167601, AI868476, AL134976, AF071592, AJ271784, AF179308, AL021786, D12646
652	HTTDU01	874708	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1641 of SEQ ID NO:652, b is an integer of 15 to 1655, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:652, and where b is greater than or equal to a + 14.</p>	AW105143, AA307599, AI971445, AI017401, N53419, AI041077, AI864277, AI494173, N53432, AA580971, AA196917, AI613044, AA370694
653	H2CBH38	874709	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1146 of SEQ ID NO:653, b is an integer of 15 to 1160, where both a and b</p>	AW292791, AI741397, AA307497, AA425155, W68586, AI702582, AA953425, AA767708, W68587, AA429408, AA721268, AA504241

654	H2CBX48	874710	correspond to the positions of nucleotide residues shown in SEQ ID NO:653, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 822 of SEQ ID NO:654, b is an integer of 15 to 836, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:654, and where b is greater than or equal to a + 14.	AA313774, N87550, AI659717, AB033023
655	H2CBT32	874711	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1174 of SEQ ID NO:655, b is an integer of 15 to 1188, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:655, and where b is greater than or equal to a + 14.	AW117351, AA984205, W73590, AA313565, C06040, AW016815, AI201605, AI927839, W27788, W28846, AW050936, W20474, AA563590, AI291970, C00092, AA193611, AA037235
656	HAGBH67	874713	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1118 of SEQ ID NO:656, b is an integer of 15 to 1132, where both a and b	AW054855, AA781176, AI301923, AI003840, AA293873, AI139637, AI209150, AA781378, AA699734, AI499705, AI422131, AA740326, AI343622, AA406215, AA993480, AI918065, AI423416, AI301318, AI078370, T70541, AW452361, AA405360, AA045732, AA416618, AI271992, AA743041, AI024173, AA861395, AI202580, AI028291, AA045733, AI023353, AA416600,

657	HE2LX05	874714	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:656, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:657, b is an integer of 15 to 566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:657, and where b is greater than or equal to a + 14.</p>	AA677648, AA430066, H26418, AI247927, AA669613, T88915, AW296477, AA412195, AA416994, AA398297, T70810, AA435656, AI991785, H46640, H26344, AI208039, T85978, R70388, AI350557, AI991938, AA806905, AI424484, AI916494, AI808428, AI000979, AC004231, X14487 AI374943, AL038761, AL040553, AL039432, AL037295, AL037443, AL037343, AL037335, AL042096, AL040238, AL134524, AL043941, AL079852, AL045328, AL038838, AL038983, AL047012, AL047170, AL040463, AL037727, AL047219, AL044162, AI142134, AL040621, AL043538, AL043496, AL040464, AL041238, AL038532, AL040576, AL041324, AL038822, AL040193, AL044186, AL040617, AL041098, AL041096, AL040625, AL047183, AL044037, AL042898, AL043923, AL043814, AL040510, AL045684, AL043467, AL043845, AL041635, AL041752, AL041133, AL040294, AL041358, AL043677, AL044064, AL041296, AL040839, AL041459, AL041577, AL040119, AL040322, AL041163, AL043492, AL041602, AL041346, AL045753, AL037436, AL044074, AL040052, AL040472, AL046850, AL040768, AL046442, AL041730, AL041523, AL043627, AL041374, AL046994, AL043848, AL046914, AL043570, AL042135, AL047057, AL041197, AL041086, AL040075, AL040444, AL039316, AL041955, AL045671, AL046392, AL044272, AL041292, AL041159, AL040370, AL044258, AL045920, AL041233, AL040148, AL041142, AL040458, AL049018, AL044187, AL041168, AL037435, AL040332, AL040155, AL040529, AL045990, AL046330, AL044199, AL040149, AL047036, AL040571, AL045989, AL040128, AL040745, AL041277, AL044274, AL040342, AL079878,
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	AL041186, AL039643, AL040285, AL040414, AL040091, AL041131, AL044165, AL041051, AL040090, AL039744, AL040168, AL043775, AL041227, AL040253, AL041246, Z30131, AL045857, AL040082, AL041347, AL040329, AL039338, AL045211, AL041140, AI535639, AL045327, AL045817, AL047037, AL040263, AL043440, AL044125, AL045725, AL047163, AL040255, AL037341, AL039915, AL043612, AL046097, AL046360, AI525306, AL041210, AL041278, R28735, AL037323, AI557262, AL044201, AL045994, AL049069, AL046327, R29177, AA585476, AI526194, AL039360, AA174170, AL134110, AI547039, AL046150, AI540967, AI541535, AI541509, AI546999, AL043444, AL037279, AI541510, AI546899, AL044529, AI557787, Z28355, AL043537, AI557799, AI546891, AI547295, AI541013, AI541390, AI536138, AI526144, AL046147, AI557807, AI546855, AI541307, AI541534, AL080031, AJ239433, AI546828, AI525316, AI525321, AI557796, AL045784, AL042712, D61254, AI557082, AI541205, AI546945, AA585439, AL038878, AI535813, AI526184, AI525328, AA283326, AL038651, R29218, AI535660, AI557802, AI547006, D57186, D29033, R28895, AI557238, AI557731, R45895, AL045340, AI526125, AL041344, R28967, R28965, U46344, R28892, T10982, AI541508, AI557808, AI547048, AI557734, AA585329, AL048677, I08395, I08396, AR038762, AR064707, AJ230935, AJ230902, AR038855, AJ230951, AR051652, AJ231009, AR051651, AJ244007, I08389, AJ238010, AR008429, X07299, A58524, X81969, A43189, A43188, A58523, A20702, AJ244003, AJ244004, AF082186, A20700, A98420, A98423, A98432, A98436, A98417, A98427, AR056494, AR062872, I19525, AR062873, A81878,

658	HAHCU44	874715	Preferably excluded from the	A98767, A25909, AR062871, A93963, A93964, A86792, A64973, A85395, A85476, A84772, A84776, A84773, A84775, A84774, E12584, AR067731, AR037157, AR054109, AR067732, A58522, A91750, AJ230867, Y09813, I18302, Z32836, X83865, I18895, Y16359, AR035975, AR035977, AR009151, A22738, A77094, A77095, I62368, A60212, A60209, A60210, A60211, D78345, A93016, E13740, A68112, A68104, I63120, AJ231028, E03627, A18050, A23334, A75888, I70384, A60111, A23633, AR007512, A35536, A35537, AR009152, A02135, A02136, A04663, A04664, A02712, A95051, A18053, A11245, AR017907, I06859, I48927, I00682, A11623, A11624, E00609, AR043601, A11178, E01007, I13349, A10361, I15353, AJ230972, AJ244005, I84553, I84554, D13509, I03331, A02710, E12615, AR035193, E14304, A07700, A13392, A13393, AR031488, I13521, I52048, A27396, I25027, AR027100, I44531, I28266, I21869, I26929, I44515, I26928, I26930, I26927, I44516, E16678, A82653, E16636, M28262, I15718, A24783, A24782, I01995, A95117, I08051, I15717, E17098, A93923, I49890, A92133, A70872, A70040, A91965, D17247, AR035974, AR035976, AR035978, I60241, I60242, I44681, A90655, AF149828, AR031566, AJ230845, AR022273, D50010, A20699, E00696, E00697, E03813, I66482, I66485, I66483, I66484, I66498, I66497, I66496, AR038066, AR027099, I66487, I66486, I05558, A70869, A93916, AR051957, I66495, I66494, AB025273, D13316, A93931, A22734, AR051864, AR051865, I36244, A06631, I66481, A83642, A83643, I66488, I66489, I66490, I66491, I66492, I66493, A83151, S60422, AJ231011, AR063812, AL133053, AL133049, A05993, A05975, A05973, A05991, A05995 AA838833, AI951830, AI983935, AW083500,
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659	HFRAM50	874717	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1164 of SEQ ID NO:658, b is an integer of 15 to 1178, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:658, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 910 of SEQ ID NO:659, b is an integer of 15 to 924, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:659, and where b is greater than or equal to a + 14.</p>	<p>AA505859, W37679, W37680, AA372012, AI033632, W38021, AA583310, AW237259, AA724242, AA321659, W20140, AI445781, AI335223, AI792549, AA827028, AL109756, Z77249, AC004982, AC004996, AC005342, Z81370, AL031584, AL049569, Z97353</p> <p>D20728, AA244320, AI740884, AW178896, Z35731, AP000526, AP000525, AC006561, U49973, AC006965, AC006566, U70984, Z82200, Z82206, AC006077, AL049781, AC006487, AL079305, AL132985, AL136504</p>
660	HABD60	874718	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 799 of SEQ ID NO:660, b is an integer of 15 to 813, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:660, and where b is greater than or equal to a + 14.</p>	<p>W22230, T74316, F12667, AA318357, R19418, AA356083</p>
661	HTPHK47	874719	Preferably excluded from the	<p>AW237653, AA991673, AI764967, AI920926,</p>

662	HAMGM2 7	874720	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1704 of SEQ ID NO:661, b is an integer of 15 to 1718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:661, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1100 of SEQ ID NO:662, b is an integer of 15 to 1114, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:662, and where b is greater than or equal to a + 14.	AI091466, AA934348, AI220342, AA993838, AA506184, AW204074, AA113281, AA214337, AI433064, AI381333, AI205720, AI683561, C01718, AA082796, AI270624, N66474, R58514, AA933806, AI537337, AI863530, AL049989, AF121857 AA548621, AI732587, AA173525, AA307836, AI763187, AF094481
663	HWLXA56	874723	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 327 of SEQ ID NO:663, b is an integer of 15 to 341, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:663, and where b is greater than or equal to a + 14.	N73842
664	HBMCMC86	874724	Preferably excluded from the	

665	HOSPA23	874725	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 271 of SEQ ID NO:664, b is an integer of 15 to 285, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:664, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 617 of SEQ ID NO:665, b is an integer of 15 to 631, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:665, and where b is greater than or equal to a + 14.</p>	<p>N47382, R23996, AI633730, AI638247, AI753699, AL133621, AJ010347, AJ010346</p>
666	HBAHC42	874726	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1515 of SEQ ID NO:666, b is an integer of 15 to 1529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:666, and where b is greater than or equal to a + 14.</p>	<p>AI590204, AA888858, AI915839, AI623511, AA506691, AA598909, AA621684, D60400, AA694016, C15028, AA513161, AA635146, D60469, D62914, D50640</p>
667	HUSGQ45	874727	<p>Preferably excluded from the</p>	<p>AI480121, AA649066, AI673083, AA393762,</p>

668	HBMXP34	874728	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1006 of SEQ ID NO:667, b is an integer of 15 to 1020, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:667, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 796 of SEQ ID NO:668, b is an integer of 15 to 810, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:668, and where b is greater than or equal to a + 14.</p>	<p>AA862483, AW300415, AI205871, AI243398, AA805344, AI472932, AA708627, AI368938, AA877843, AA456841, R77915, AW139999, AI684582, AA764940, R78016, AW023585, AA209140</p> <p>AI792688, AI202262, AW439428, R30837, AI693225</p>
669	HHEME74	874732	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2487 of SEQ ID NO:669, b is an integer of 15 to 2501, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:669, and where b is greater than or equal to a + 14.</p>	<p>AW274756, AW182379, AW051349, AA922068, W02396, AI693750, AA400751, AA059377, AI457629, AI269931, AA775695, AA310528, AA312213, AA194249, AA699614, AW028098, AA805247, AA505197, AA548104, AA948551, AA158267, AI038906, AI741887, AI032086, AW151955, AA193119, AI022731, AA234296, AA777005, AI571555, AA701969, AI375089, AI982583, W44357, AI797542, AI436645, N90821, AW172699, T26677, AI332630, W01662, N34645, AW043907, N67039, N21679, AA284197, W40197, AI085767, AA766813, AA284198, N35501, AA512994, AI338224, AI367890, AA688264, AA731320, W45710, AA400669, AI291688,</p>

670	HCNDN66	874737	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 415 of SEQ ID NO:670, b is an integer of 15 to 429, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:670, and where b is greater than or equal to a + 14.</p>	<p>AW294908, AA604274, R82672, AA345093, H83598, AA702282, W68424, N72570, N34412, AA251019, AA284086, AI334727, H78499, N64397, H77362, AA810816, AA262986, AI700747, AA251120, AI382959, T26676, N48646, AI167208, AI472804, AA702898, AA354227, AA031990, AW366346, R11174, AI473124, R82730, R94344, AW182231, W01844, AA094055, T91181, H78402, AA010076, AA736883, R58001, Z41608, W19801, T18591, AA355137, AA347089, T79458, AA256155, N71636, C16696, R11175, D79173, AI193926, T99728, N75337, AI767506, AA714340, AA890568, AA491304, R13196, T99729, AI270066, AA806344, R28156, T90012, W68522, Z42074, R28155, AA091353, AA170845, T84690, AA058876, AA031989, N90004, R93023, AA248312, AA256212, AA585248, T79548, T25445, AC005156, AC000065</p>
671	H2CBI61	874741	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1468 of SEQ ID NO:671, b is an integer of</p>	<p>AI609152, AI818924, AI356291, AA401242, N48523, AA307559, AA130794, AI078381, AA130708, AA311805, AI198283, AI201085, AA446714, AI077572, AI694848, AW016425, AA190411, AA577072, AA102778, AA114156, AI671975, AI923123, AA215731, AA978209, AW025780, AA215665, AA446587, AI277223, Z24841, AA190801,</p>

672	HCQAE09	874744	<p>15 to 1482, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:671, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 593 of SEQ ID NO:672, b is an integer of 15 to 607, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:672, and where b is greater than or equal to a + 14.</p>	<p>F35734, AI904194, R44726, F26140, T16749, AA295023, AA761079, AI991909, AI581346, AI382586, AI919306, F00168, AI557129, AI884969, E15521, U70732</p> <p>NS3604, H02495, AC005552, AC005029, AC004921</p>
673	HCNDP23	874745	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 456 of SEQ ID NO:673, b is an integer of 15 to 470, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:673, and where b is greater than or equal to a + 14.</p>	<p>AA425598, AA425445</p>
674	HCQBE66	874746	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1096 of SEQ ID NO:674, b is an integer of</p>	<p>AI075904, R14809, H96672, T16569, AL009182</p>

675	HCQAK59	874747	<p>15 to 1110, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:674, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 236 of SEQ ID NO:675, b is an integer of 15 to 250, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:675, and where b is greater than or equal to a + 14.</p>	
676	HCQAR64	874748	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 678 of SEQ ID NO:676, b is an integer of 15 to 692, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:676, and where b is greater than or equal to a + 14.</p>	<p>AI392817, H50875, AI983401, AA468705, AI991177, AI310431, AI765153, AA602377, AI867382, H50876, R99562, AA776326, T25070, AF176114, L12141, X74938</p>
677	HWMAC4 8	874749	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 348 of SEQ ID NO:677, b is an integer of</p>	<p>Z99396, AL119355, AL036418, AL038837, AL037051, AL036725, AA631969, AW392670, AL039074, U46349, AL036924, AL036858, AW372827, AL038509, AW384394, AL039564, AL039085, AL039156, AL039108, AW363220, AL039109, AL039128, AL119497, AL119483, AL119457, AL119319, AL036190, AL119324, AL119443, AL037094,</p>

			<p>15 to 362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:677, and where b is greater than or equal to a + 14.</p>	<p>AL037639, AL039659, AL119341, AL036196, AL119484, AL119363, AL119391, AL037526, U46350, AL119522, U46351, U46341, AL038531, AL036767, AL119335, AL037082, AL036238, AL119396, AL134536, AL119418, AL042909, AL119496, AL039625, AL039648, AL045337, AL036268, AL042984, AL038447, AL039386, U46347, AL037085, AL119444, U46346, AL039678, AL119401, AL039629, AL134902, AL037205, AL119439, AL039423, AL038520, AL039150, AL037077, AL036998, AL036733, AL042551, AL037615, AL038851, AL040992, AL134538, AL042614, AL042975, AL042965, AL134527, AL036719, AL119399, AL134525, AL042433, AI142131, U46345, AL037178, AL037027, AL119464, AL043033, AL043029, AI142134, AL036679, AL043019, AL042544, AL042450, AL043011, AL039410, AL042542, AL036191, AL036765, AL043003, AL037021, AL036774, AL036158, AL036886, AR066494, AR060234, A81671, AR023813, AR064707, AR069079, AR054110, AB026436</p>
678	HCQBE76	874750	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 320 of SEQ ID NO:678, b is an integer of 15 to 334, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:678, and where b is greater than or equal to a + 14.</p>	
679	HWLCA32	874751	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 599 of SEQ ID NO:679, b is an integer of 15 to 613, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:679, and where b is greater than or equal to a + 14.	
680	HWLHH20	874752	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 386 of SEQ ID NO:680, b is an integer of 15 to 400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:680, and where b is greater than or equal to a + 14.	
681	HCQB172	874753	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 571 of SEQ ID NO:681, b is an integer of 15 to 585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:681, and where b is greater than or equal to a + 14.	AA541466, AW192480, AW393644, AW392419, AF151978, Z96810
682	HCQBH60	874754	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI567502, AI921463, AI570914, AI679795, AI623354, AI573055, AI583952, AW338193, AI249363, AI431423, AI460112, AA132183,

683	HHMMBI 7	874755	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 596 of SEQ ID NO:682, b is an integer of 15 to 610, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:682, and where b is greater than or equal to a + 14.	AI453724, AI520713, AI682808, AI582940, AI634287, AI640689, AW193016, AI700372, D25704, AI245910, AI571582, AA149529, AA837986, AA592922, AW192250, AW360825, AW360800, AA053011, AI583942, AI114671, AA502754, E01630, M15042, M17303, M59709, M29540, I08156, AF113017
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 401 of SEQ ID NO:683, b is an integer of 15 to 415, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:683, and where b is greater than or equal to a + 14.	AI583942, AI734872, AI520713, AI749559, AA524877, AW192250, AI921463, AA132183, AI583952, AI640689, AA149529, AW338193, AI453724, AA053011, AI249363, AI567502, AI431423, AI571582, AI623354, AI570914, AW193016, AI679795, AI573055, AI682808, AI460112, D25704, AA837986, AA502754, M59709, E01630, M15042, M17303, M29540
684	HCQCB28	874756	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:684, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:684, and where b is greater than or equal to a + 14.	AI857685, AI127950, AI498052, AI093116, AI937245, AA837396, AA931150, AA894527, AI077433, AA814942, AA729327, AA910659, AA836412, AA564324, AI623269, R16770, AA846844, AA932274, T89616, AI470094, AI208399, W19090, N79612, AI698941, AF001548
685	HCQCC66	874757	Preferably excluded from the present invention are one or more polynucleotides comprising a	AL049651, AC006928, AI133371

				nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 305 of SEQ ID NO:685, b is an integer of 15 to 319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:685, and where b is greater than or equal to a + 14.	
686	HOELS72	874758		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 267 of SEQ ID NO:686, b is an integer of 15 to 281, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:686, and where b is greater than or equal to a + 14.	AI374739
687	HCQCB62	874759		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 164 of SEQ ID NO:687, b is an integer of 15 to 178, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:687, and where b is greater than or equal to a + 14.	AA299543
688	HCQCC13	874760		Preferably excluded from the present invention are one or more polynucleotides comprising a	AI970919, C20819

689	HCQCF83	874763	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 323 of SEQ ID NO:688, b is an integer of 15 to 337, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:688, and where b is greater than or equal to a + 14.	AA443394, AA993080, N39733, AA328123, N26638, AA446382, AA328400, AI357465, AI471723, AI367772, AI191860, D20715, AI567979, AI376199, AA569983
690	HCQAF27	874764	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:689, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:689, and where b is greater than or equal to a + 14.	T58797
691	HCQCJ56	874765	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 414 of SEQ ID NO:690, b is an integer of 15 to 428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:690, and where b is greater than or equal to a + 14.	AI674974, AI217307, AA813576, AI824976, AA994749, AI244904, AI262935, AA020796, AA234517, AA443035, AW079079, AA463478,

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1273 of SEQ ID NO:691, b is an integer of 15 to 1287, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:691, and where b is greater than or equal to a + 14.	AA694400, AI005463, AA776532, R00437, R00438
692	HQC88	874766	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 337 of SEQ ID NO:692, b is an integer of 15 to 351, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:692, and where b is greater than or equal to a + 14.	AI242329, AI242439, AI097229, AA932068, AA516371, AW001485, AA523948, AW196074, AA555145, AI345471, AA814721, AI270039, AI679261, W48671, AI336503, AI590755, AW085350, AI798359, AI345608, T27702, AA853473, AW079334, AI559863, AW022494, AW020288, AW088560, AW022542, AA662117, AW020144, AI821062, AW104141, AW029457, AI309306, AA761557, AI866419, AA575874, AA653459, AI932739, AL048644, AL110373, N27632, AW081103, AA629977, AW191844, AI557808, AI589428, AI612885, AI345677, AW162189, AI630932, AW022636, AI640370, AW059713, AI289791, AA766618, AI340653, AW021717, AW083168, AW081383, AI539781, AI538850, AI500113, AI702343, AW020048, AW148882, AW191003, AL046021, AI539707, AL048499, AL110402, AA215584, AW021662, AI623302, AA219283, AA665612, AW020328, AW151979, AI784214, AI866691, AI801325, AI524654, AI225248, AW071377, AI362332, AI469516, AL046262, AW404239, AI431307, AA977351, AI421662, AI648494, N75779, AI431316, AI912496, AI273179, AI335476, AI633061, AI431238, AW055261, AI699175, AI821259, N25033, AI345562, AW082600, AI203903, AI312210, AL041924, AI340533, AI500662, AI309431, AW022102, AI345739, AW009066,

	AI348854, AI133029, AI312143, AI340511, AI624304, AI334895, AI687568, AI336495, AA587590, AA613255, AI344931, AW085786, AI340644, AI307507, AA420758, AI250627, AI251221, AI310920, AI571699, AI310927, AW265004, AI307503, AA088789, AI866820, AI886055, AI307578, AI336488, AI472536, AI360195, AI336565, AI677797, AW148303, AI932949, AI623736, AA514684, AI560545, AI379711, AI349186, AI334913, AI312432, AI310930, AI343131, AI537516, AI310592, AI307542, AI312271, AI915295, AI926593, AI439903, AI312333, AI583578, AI312963, AA928539, AI285417, AI340537, AW172723, AW151451, AI249946, AI244380, AI242736, AI285514, AI224373, AI866573, AW190297, AI446110, AI370322, AI440444, AI312431, AI624475, AI307459, AI343140, AI334920, AW161098, AI553669, AI345014, AI349971, AW079768, AI815232, AI805769, AI434242, AI636788, AW131994, AL049003, AI049856, AI500523, AL049053, AI312261, AA207067, AI925402, AI334930, AI343030, AI349805, AI609420, AI061180, AI887775, AI446124, AI307505, AI582932, AW189933, AI307549, AW238688, AI452857, AI872423, AI590043, AI284517, AI923989, AI310606, AI336585, AI334738, AI500706, AI491776, AI445237, AL042731, AC007360, AC005013, AL021393, AE000664, AC007298, S77771, AL137541, AL031346, AC002564, AL031274, AF162270, AC002538, AP000697, E12579, AP000083, AF003738, AF090940, L30117, AF095901, Z93784, AC007114, AC004383, AC003977, E12580, Z92543, AF206503, J05032, AL117440, AC000053, Z82206, AC002060, AP000344, AL050322, AC004554, AC002457, AC002540,

	AC007390, D83989, AR038854, A18777, AL096776, AP000020, AL033521, AC008067, AC005992, AR050959, AF003737, L19437, AF061795, AF151685, X93495, Z49258, AP000361, AP000458, U89335, AC005057, AC005091, AL035587, AC005048, Z94277, AC006017, AC008014, AC007172, AC006371, U66059, AF113689, AC002377, AC003042, A08907, AC005911, AF146191, A23630, AC002531, U96074, AF012536, AL122021, AJ131955, AF110417, A27171, AC002287, AL080245, AL033523, AP000130, AP000208, AP000247, AL031295, AL034376, AC018767, X97332, AF113019, A65340, U76419, AL137574, D38178, AB022159, U69730, AL031732, AC007748, Z99297, AL030998, AC005886, AC004837, AL020994, AC009113, AC004057, AC005296, AF042090, AC018769, E03348, AL022147, Y11587, AF215669, E03349, AR059958, AC006944, AL080150, AF098162, AP000250, AC004213, AC003005, U95739, AP000211, AP000133, AP000030, AC004974, AC010072, AC004686, AC009233, U67232, I48978, AC002464, AC005940, AL049553, AF141976, AC005353, X00861, AF150103, AF000145, AR036183, Z98036, U67211, AL136130, AC004111, AC004690, U77594, I22272, AF169154, Y08769, A41579, AL133070, X83544, AF076633, S59519, AL049377, AL122098, AB007812, AF205861, U62966, AL050129, AF044323, AL137273, X93328, AF085809, AL133565, J05277, Z30970, Y15724, AJ238093, AC006561, AC004989, AC005876, AL049742, AC002428, AC004062, AC005341, AC006479, AF109683, U08374, AC006205, AF179633, Z99289, Z82250, AC009286, AC005295, Z98049, A48221, AC005790, Y17327, AF060868, AF067790, AL079340, A41575, AR000496, AL133088, U39656, AL137536, AC004553, AF109155, AF090886, I30339, I30334, S53987, M64936, AC006203, AF139373, A48220, AC006344, AC006112, AL008735, AC005778,

693	HE8OJ09	874767	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1190 of SEQ ID NO:693, b is an integer of 15 to 1204, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:693, and where b is greater than or equal to a + 14.</p>	<p>AL034374</p> <p>AW419048, AA100804, AA121287, AI9111097, AA502311, AI075431, AW089948, AW132123, AA488316, AW083432, AI990554, AA100952, F28643, AA207032, AA741512, AA731380, AA731382, W79581, AI655521, AI655502, AI808218, AA731381, W79780, AI970106, AA251012, F37179, AW439007, AA329792, AW439035, AA730238, AI640142, AA262868, AW087255, AI559734, AA252138, AA242847, AC004087, U49385, AF086422</p>
694	HCQCR67	874768	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 269 of SEQ ID NO:694, b is an integer of 15 to 283, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:694, and where b is greater than or equal to a + 14.</p>	
695	HPHAA27	874769	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2719 of SEQ ID NO:695, b is an integer of 15 to 2733, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:695, and where b is greater than</p>	<p>AA081793, AI123953, AA227619, AW183759, AA860996, AA082138, AI306487, AA693989, AI308192, AI632845, AI334618, AA313548, AI913841, AA102571, R59474, T09476, AI167448, Z44227, R12103, AI282042, H02687, AA256840, AA256799, R36857, R16314, AI378960, AA226814, H98566, AA046342, AL046364, AA577395, AI590381, AA883418, AA094506, AI031691, AA749079, U61107</p>

696	HCROV23	874772	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:696, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:696, and where b is greater than or equal to $a + 14$.</p>	<p>Z99396, AW392670, AL119457, AL119324, AW372827, AW384394, AL119497, AW363220, AL119319, U46351, U46350, AL119341, AL036418, AL038837, AL119484, AL119391, AL119443, AL119522, AI142131, AL037051, AL036725, AL119355, AL119483, AA631969, AL119363, AL119418, U46341, AL037205, U46349, AL119335, AL119396, U46347, AL119496, AL036858, AL119401, AL038509, AL134525, AL134536, AL039074, AL119444, AL119439, AL042614, AL036924, AL042984, AL134531, AL042975, AL042551, AL037526, AL134538, AL134902, U46346, AL042989, AL042450, AL079442, AL043033, AL037639, AL042433, AL037094, AL042978, AL037082, AL037077, AL042973, AL042980, AL042965, AL036196, AL119399, AL043003, U46345, AL039564, AL037085, AL043000, AL079683, AL036767, AL038520, AL036190, AL038447, AL036268, AL037021, AL036774, AL037178, AL036998, AL036733, AL037615, AL036238, AL037027, AL036765, AL036719, AL036191, AC005822, AR066494, AR060234, A81671, AR023813, AR064707, AB026436, AR054110, AR043113, AA306038, H82569, AI754064, AA304583, AW130468, H65119, AA608729, R26953, AA664163, AW272606, R33048, R27084, AA152404, AA227482, AA347232, AC007051, AC007919</p>
697	HCRMZ75	874773	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 934 of SEQ ID NO:697, b is an integer of 15 to 948, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:697, and where b is greater than or equal to $a + 14$.</p>	
698	HCRMZ85	874774	<p>Preferably excluded from the</p>	<p>AW027705, AI341165, AI652171, AL079653,</p>

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1480 of SEQ ID NO:698, b is an integer of 15 to 1494, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:698, and where b is greater than or equal to a + 14.</p>	<p>AA455320, AI262672, AI021922, AA564575, N76045, AA100397, AI041471, AI350656, AW391751, AI082743, AA243478, AA627599, D19863, AA249024, AF181897, W04450</p>
699	HCR08	874775	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 289 of SEQ ID NO:699, b is an integer of 15 to 303, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:699, and where b is greater than or equal to a + 14.</p>	<p>AI432644, AL042853, AI431307, AI431316, AI431238, AL047611, AI866581, AI815239, AI440260, AW151974, AI623302, AI567971, AI927233, AW151132, AI440238, AI866465, AI539771, AI537677, AI494201, AI804505, AI500659, AI815232, AI801325, AI866691, AI500523, AI538850, AI887775, AI582932, AI923989, AI590043, AI872423, AI284517, AI500706, AI445237, AI491776, AI289791, AW151138, AI926593, AI889189, AI521560, AI285417, AI500662, AI539800, AW172723, AI284509, AI582912, AI538885, AI440263, AI889168, AI866573, AI633493, AI434256, AW151979, AI866469, AI805769, AI434242, AI888661, AI500714, AI284513, AI888118, AI285439, AI859991, AI436429, AI623736, AI355779, AI889147, AI581033, AI371228, AI491710, AI440252, AI866786, AI860003, AI610557, AI242736, AL042488, AI828574, AI539260, AI887499, AI539781, AI539707, AI702065, AI885949, AI285419, AW089557, AI559957, AI521571, AI469775, AW074057, AI567953, AI815150, AI446495, AI952433, AI867068, AI225248, AL046356, AI358271, AI698352, AI282249, AI371229, AL041862.</p>

			AL043089, AW194509, AI955441, AL043321, AW058275, AL042533, AW151136, AL042515, AL040207, AI889191, AI432666, AI890907, AI866458, AL047422, AI561170, AI371251, AW162189, AI866510, AI888575, AI690946, AI469764, AL045891, AL047398, AI866461, W48671, AI923046, AI648567, AL042365, AI433157, AI521551, AL042944, AI888317, AI432653, AI798359, AI431323, AL043091, AL042729, AI431321, AI554821, AL135012, AI521465, AI049859, AL042787, AI863197, AI432656, AI267492, AL048403, AI334804, AL042655, AI371243, AI924051, AW129310, AL039390, AI885920, AL042981, AI521566, AA928539, AI273179, AA749449, AI446536, AI872315, AI798571, AI431315, AI539863, AI582910, AI285432, AI366900, AI355008, AI366910, AI203903, AL134524, AI623941, AL045619, AI561177, AL046990, AI493559, AI687614, AI888022, AA878808, AI252414, AW269092, AI582926, AI312364, AI801286, AI345180, AW274312, AI274759, AW269098, AL037602, AW268251, AI355017, AI499463, AL039287, AI355126, AI433976, AL045166, AI354981, AI610362, AW268768, AL037582, AL042745, AI567961, AI440239, AI521596, AI436438, AI888002, AI307604, AI521589, AI500061, AA504514, AI687588, AI537273, AI828572, AI537191, AW151970, AI436456, AI371265, AL046681, AI049850, AI963846, AI252153, AI567940, AI610357, AI817244, AI440261, AI612913, AL040459, AW151131, AI537943, AW075138, AI476694, AI285826, AW131994, AI539690, AI863014, AI955221, AI521594, AI355765, AI499512, AI889133, AI538881, AI805774, AI954200, AI927252, AI499508,

AI499483, AI866820, AI500658, AI537925, AI282268, AL049423, AL133053, AF078844, AL133049, AL122101, AL133084, AL133113, AL133070, U30290, AL122049, E12806, AL133074, AF109683, AF090903, D83032, AL133557, I46765, AL117416, AL133015, U49908, S77771, A83556, A08910, AF058921, AL133608, A08909, AL122106, AF044221, A08908, A76335, E01614, E13364, AL137479, E12580, AF162782, I48978, AL137268, E06743, AF207750, X60786, AL080137, AL133565, AC004399, AL133076, AF028823, AF118092, AF017790, E13998, AF031903, A18777, AL137533, AC004213, AL022170, A08913, AF126247, AF082526, A86558, X79812, AF215669, S59519, AL137574, M27260, AL137555, AL137539, A08912, AF002985, AF111112, S83456, AL137298, AL049382, E06788, E06790, AR034821, E06789, AL122121, A18788, AF100931, AF159148, AL133655, AF026124, AF090886, S83440, AL031274, AC006039, E12579, S76508, AF113019, X66871, E05822, AL049314, AL137529, AF151109, AL133054, A65341, D00174, A14605, E01187, AF004162, AL137705, AF162270, E01963, I77092, AL137550, AL136884, D83989, U83980, AL080110, AF031147, AF079763, AF125949, AF039138, AF039137, AL133047, AF098162, AL110218, AC004383, AC002287, AC007869, AL133560, E12888, S63521, Y16645, AL137286, AL137478, AF013249, U58996, AF036268, AL137273, AL137488, AF185576, M92439, AR053103, AF182215, AL137276, AF113689, AL050024, D44497, AL117583, U53505, AF111849, AL133607, AF142672, Y09972, AL137541, AL117440, AL031346, AC005353, Z93784, AC005057, Z98036, AC007390, AC006501, AC007172, AC007056, AC007392, AC009233, AC005291, AC007298, AC006371, A32826, A30330, A32827, A30331, AL137557, A65340, AL049430, AF132676,				
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700	HBIPL82	874776	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 533 of SEQ ID NO:700, b is an integer of 15 to 547, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:700, and where b is greater than or equal to a + 14.</p>	<p>AF061836, AL122100, AF150103, AL117629, AB016226, AF110329, X87582, X99257, AF054986, I33392, AF118090, I42402, AL117457, AF026008, AL133016, AL133029, X86693, AL133014, AL050155, AF112208, X63574, AL137480, AR011880, U88966, D16301, S78214, I89947, AR022283, AL133104, AL137526, AL049283, AL122111, AF036941, AF076633, AF153205, I48979, AL137284, AF180525, AL096751, AL133010, AF085809, X59414, AL080074, AC004200, AL050322, AL035458, AL133665, X72387, D55641, AL117648, AL122110, AF091084, AL049324, S78453, X66862, AL109672, I33391, AJ000937, A77033, A77035, X70685, AF069506, X72624</p> <p>AW236463, AA934586</p>
701	HBXBV89	874778	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2387 of SEQ ID NO:701, b is an integer of 15 to 2401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:701, and where b is greater than</p>	<p>AL041196, AI174734, AI818167, AW027175, AI885412, AA861637, AI567464, AW007757, AL046529, AI199674, AW131788, AW058096, AI278213, AA314076, AI763223, AA826815, AA314412, AW169713, AA504396, AA256252, AI631521, AA488830, AA193266, AA614090, AI347284, AA603136, AW138007, AI248206, AA568780, W02835, N29825, AI091040, W30817, AA193528, W05581, AA310732, AA338877, AW083404, N70535, H81457, AL041195, AI571295, AI873719, AI953166, AA863177, H47241, T05339, AA987274,</p>

702	HCRPM45	874779	or equal to $a + 14$.	AA864580, AI471327, AA338878, AI025214, AA255990, AA004772, AI557174, AI383280, AA229290, AA309912, AA229402, AW411021, N42518, AA761693, AA683316, AI904108, AI186957, AL134181, AA489077, AA861300, Z24985, Z36784, AC005254, AF001905, AC006430 AI820778, AI733535, AI820693, H25353, AF029308, U66061, AL049546, AC005345, AC004949, AL031007, AF003530, AC006548, AL030998, U73465, AC006479, AC007486, U80460, AL079333, AC005160, Z82216, AL009174, AL049875, AC007064, AL133312, AC005926, AC004911
703	HCQCT75	874780	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 397 of SEQ ID NO:703, b is an integer of 15 to 411, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:703, and where b is greater than or equal to $a + 14$.	
704	HCRPO92	874781	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 711 of	AA456950, AA386216

705	HCRNM87	874783	<p>SEQ ID NO:704, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:704, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 318 of SEQ ID NO:705, b is an integer of 15 to 332, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:705, and where b is greater than or equal to a + 14.</p>	<p>AI910713, R42070, AW003035, AI793046, AI653141, AA402495, AI769220, AI440526, AI280082, AI263023, AI680237, AW136904, AI359977, AI269309, AA405739, AA576608, AA513373, AI654888, W95226, AI609921, AI139078, AA933769, AI761067, AW009454, AW023685, AW299728, AW149440, AA405990, AA309655, AI762571, AI440034, AI000653, AI361426, AA535028, AA911081, AA868332, AI203844, AI499146, AL041862, AL046356, AL047675, AL042745, AL047092, AL045891, AL119748, AI866798, AL079977, AI250852, AI537273, AI799195, AI432666, AL042628, AI273142, AL045774, AI431424, AI436429, AW089664, AW131308, AI627988, AL042744, AL046926, AL045620, AL042787, AI371228, AL040243, AW149227, AI610557, AL045266, AL040207, AI800433, AI570781, AI433976, AL045500, AI433157, AL042488, AW151136, AI539771, AI537677, AI494201, AI500659, AI554821, AI815232, AI801325, AI500523, AL042538, AI582932, AI284517, AI923989, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AI284509, AI889168, AI866573, AI589267, AI633493, AI434256, AI805769, AI888661, AI284513, AI681985, AI888118, AI636445, AI889147, AI440252, AI610402, AI611348, AI366900, AI625589, AL039276, AW148716, AL042551, AW071417, AL045163, AW172723, AI572892, AL049085, AI887247,</p>
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	AI624548, AI590423, AI439717, AL048323, AI169653, AI800453, AW105601, AI567612, AI445165, AI269862, AI620284, AI246319, AW193134, AL043089, AI869377, AI866510, AI279984, AW082113, AI860003, AI564170, AI887499, AI758735, AI819970, AI590632, AL047422, AI537515, AW152469, AI073952, H89138, AW059837, AI497733, AI679179, AI364788, AI932638, AW104162, AW078735, AI275175, AI446373, AI500077, AW088903, AW089572, AI826225, AI811785, AW054931, AI440263, AW023590, AI499463, AI824576, AI432656, AA833760, AW089471, AI916419, AI564765, AL046990, AL036980, AW169604, AI829327, AI866786, AI918655, AI433384, AI610362, AI368868, AA012905, AW075413, AI520810, AI251434, AI274728, AI859585, AI963216, AI922901, AI440239, AI340659, AI784252, AW084869, AI932794, AI334930, AW302992, AW074869, AW268253, AI302910, AL042627, AI868204, AI890806, AA493923, AI680463, AI436456, AI306705, AI612885, AI801544, AI963846, AI567940, AI817244, AW151714, AI612913, AW148970, AI349957, AI690426, AI285826, AI564247, AW169848, AI863014, AI521594, AI499512, AW152024, AI889133, AI783861, AI872423, AI969601, AI567993, AI049851, AI954130, AI955987, AI923046, AI679764, AW118237, AI280670, AI859991, AW194441, AL040097, AI434223, N80094, AI610307, AI610429, AI433968, AI814087, AI446248, AW073898, AL122049, AL117585, AI2297, I03321, X96540, AF106862, A08916, AL133014, I89947, I48978, A08913, I89931, A08910, I49625, A08909, Y11587, AF153205, S61953, AL080074, AL133098, AL049464, AL110225, I26207, AF158248, X93495,

	E03348, L31396, U68387, AF146568, AL133072, L31397, AF104032, AF118064, AF118070, AL049314, AL137526, A08912, AL122110, AF017437, AL133080, AL137560, AL133077, E07361, AF11851, M30514, AL080127, AL137556, AF090943, U58996, AL133557, AF162270, AL137463, AL110280, AF113694, X82434, I48979, AL137557, AL122050, AF113676, AL133568, U80742, AL133113, U72620, AL049466, AF067728, X84990, AL050277, X72889, L19437, AL049452, I09360, Y11254, AL133640, AL117583, Z82022, AJ242859, Y14314, AL080124, AL137476, AL122123, AL050138, AL049300, AR038854, AF017152, AL133016, I00734, AF061943, U00763, AR038969, AF003737, AL133093, AL137550, X70685, AJ238278, E00617, E00717, E00778, S68736, AL117394, AL133565, U91329, AF111112, AL080060, AF113689, X87582, U67958, AL080159, AR000496, U39656, L30117, AR059958, AL137538, AL122098, U96683, AL133075, A45787, AL096744, AL117440, AL080137, AL137527, AF026816, AL122121, A93016, AF026124, S78214, E08631, AF125948, AL117435, U35846, AL137283, AF118094, A90832, A77033, A77035, AL137459, AL117460, AL117457, AL122093, AL137521, A58524, A58523, AF113019, AF113699, E15569, AF113691, AF113013, AB019565, AF078844, AF091084, AL133104, AF113690, AF113677, AF097996, Z72491, I42402, AL137648, E07108, AL050149, AL050116, AF125949, AL050146, AF090896, X65873, U42766, AL133606, AL133560, X63574, AF057300, AF057299, AR011880, AF119337, AL133067, AF090934, Y16645, A65341, E05822, AL050024, E04233, AL110196, AJ000937, AF087943, AL049430, I33392, AL049382, AL137271, E02349, AF183393, A93350, AL110221, AF090900, AF090903, Y09972, A07647, AL050108, AF177401, AF185576, AF090901, AL050393, AF079765, A03736, AJ012755,

706	HBJFU36	874784	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 712 of SEQ ID NO:706, b is an integer of 15 to 726, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:706, and where b is greater than or equal to a + 14.</p>	<p>X98834, E08263, E08264, AF061573, I41145, Z37987, U78525, AL137292, AL133049, AL137533, AL117432, E02221, AJ006417, AL080086, AL049938, AL049283, AF051325, AL137523, AF079763, AF111849, X92070, Y07905, AL050092, AL137480, AF008439, AB007812, AL110197, U49908, AL050172, X53587, AL137478, AF132676, AF061836, AF210052, AL122118, AF081197, AL133081, AR054984, AR013797, AL137273, AL137294, AF100931, X62580, AF067790, AL122111, AL080158, AF061795, AF151685, AF106827</p> <p>AI494291, AI582807, AA417018, AA608841, AW299459, AA417112</p>
707	HCRPZ29	874785	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 539 of SEQ ID NO:707, b is an integer of 15 to 553, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:707, and where b is greater than or equal to a + 14.</p>	
708	HCRON58	874786	Preferably excluded from the	AP000065, Z36802

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 241 of SEQ ID NO:708, b is an integer of 15 to 255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:708, and where b is greater than or equal to a + 14.	
709	HCRNG90	874787	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1061 of SEQ ID NO:709, b is an integer of 15 to 1075, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:709, and where b is greater than or equal to a + 14.	AW271686, AW025554, AI420969, AI202304, AA375089, AA337142, X55740, D14541, J05214, L12059, U21730
710	HCQDT67	874788	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 739 of SEQ ID NO:710, b is an integer of 15 to 753, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:710, and where b is greater than or equal to a + 14.	H49070, AI557262, T18597, AI557241, AI536138, AI525556, AI557084, Z32887, D59751, AI525500, AI557533, AI525302, AI525757, AI536070, Z33559, AI541356, AI557864, AI535660, AI557238, AI526078, AI557082, AI541365, AI557317, AI541205, AI557809, AI525316, AI525856, R29657, AI535639, AI540903, AI541321, AI525878, AI557731, D50992, AI541034, AI535813, AI557602, AI525568, AI525656, AI557155, AI557810, D30843, AI540974, AI541353, AI546829, AI541027, AI541048, AI541075, AI541346, AI536150, AI557312, AI557258, AI541450, AI557222, R18946, AI557408, AI557039, H65400, AI525666, AI535994,

711	HCVAC32	874790	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 765 of SEQ ID NO:711, b is an integer of 15 to 779, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:711, and where b is greater than or equal to a + 14.</p>	<p>N71206, AI557234, A62298, A82595, Z30183, A82593, AF006072, AR050070, U94592, U45328, A62300, AR025466</p> <p>AA308814, AA305159, D80268, D80366, C14014, C14389, F13647, C06015, D80522, Z21582, D81111, AW177440, D81026, C14227, D58283, AW178986, D80188, T03116, D50979, AA305578, D51423, D80251, D80043, AW352117, AA305409, D59859, D80253, D80168, D80166, D59619, D80210, D51799, D80240, D80064, D59502, D80014, D81030, D80038, AA514188, C14331, D80212, D51022, D80219, D80022, AA514186, D57483, D50995, D80195, D59467, D80391, D80164, D59275, D59787, D80227, D80024, D51079, D80439, D80248, D59610, D59889, D80196, D59927, C15076, D80269, AW178762, T03269, D80247, D80193, T11417, D80045, D80241, D80133, D80378, D51759, D52291, D80157, AW378533, C14407, C14298, AW178893, AW178906, D80302, AW360811, D51103, AW377671, D59627, AW378540, T02974, AI557751, AW378539, AW375405, D80258, AW179328, D51213, AW179019, AW378532, D45260, AW366296, AW360817, AW179020, T48593, AW375406, AW378534, AW377676, AW352171, AW179332, AW377672, AW179023, AW178905, AW177731, AW378528, AW178754, AW179024, D51250, H67854, AA809122, AW352170, AI525923, AW177456, C03092, AW178907, AW178908, AW179018, AI525917, H67866, D59317, AW360834, D59474, AW367950, D58246, AW178914, AW178774, AW178781, AW378543, C14957, D59503, AA514184, D51221, AW179013, Z30160, C14344, C14973, AI525920, AI525235, AW378525, AW352163, D58101, AI557774, AI525912, AI525227, AI535686, AI525242, T03048, D59551, C16955, H67858, AI525215, AA285331, D45273, AW378542, AI525925, Z33452, AI525237, T02868, C13958, D50981, AB024705, AR008278, AR060385,</p>
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712	HCVBK32	874791	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 556 of SEQ ID NO:712, b is an integer of 15 to 570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:712, and where b is greater than or equal to a + 14.</p>	<p>AR018138, A62298, AJ132110, A84916, A62300, AF176315, AB028859, AF058696, A82595, AB002449, X68127, I50126, I50132, I50128, I50133, X67155, Y17188, D26022, A25909, AR060138, AR016514, A67220, D89785, A78862, D34614, Y12724, A45456, AR008443, A26615, AR052274, A94995, AR066488, Y09669, A43192, A43190, AR038669, AR066487, A30438, D88547, I14842, AR054175, AR008277, AR008281, Y17187, AR016808, X82626, D50010, A63261, AR025207, AR008408, AR062872, A70867, AR016691, AR016690, U46128, I79511, A64136, A68321, AR060133, D13509</p>
713	HWMCE07	874793	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 863 of SEQ ID NO:713, b is an integer of 15 to 877, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:713, and where b is greater than or equal to a + 14.</p>	<p>AA305485, AW378532, H67854, AW360855, C14014, AI620988, D81026, D80045, D80522, C14389, AL031596, Z95113, Z82203, AC008018, AC000003, AC002300, AC009336, AL022163, AC005659, AC002054, Z93023, D34614, AL049795, AC002472, AC004447</p> <p>AI694457, AI084574, H73226, AA374222, H63305, RI0177, W22116, AI815151, AI744548, R23063, AW170301, AI912329, H74235, AI760693</p>

714	HCROL83	874795	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 642 of SEQ ID NO:714, b is an integer of 15 to 656, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:714, and where b is greater than or equal to a + 14.</p>	<p>AL021182, AC005304, AC002509, AC004801, AC007073, AC004870, AC004835, AC004963, AL034449, AJ010597, AP000965</p>
715	HCYBM89	874796	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1516 of SEQ ID NO:715, b is an integer of 15 to 1530, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:715, and where b is greater than or equal to a + 14.</p>	<p>AL079941, AA992942, AI817243, AI767556, AI766123, AA541673, AI016265, W37912, AI088252, AI187112, AW327720, AW024610, AW408508, N45388, N29507, AI569234, AI347459, AA156676, AI440004, AW452133, AA503868, AA703764, AI478659, AA112546, AA812913, N26817, AI819565, AA305708, W96378, AI311576, AA278209, AA305267, AA480175, W84794, AA581604, AA581605, AW337265, R73725, AI383351, AI024650, AI365019, AA112610, N99139, H54289, AI453204, AI637926, AW005019, AA193572, AA773660, W96377, AA463676, AA458599, W84841, R80844, H03715, AA781700, AA894704, H54367, W15585, AA445962, AA250802, AA431705, R52442, R80845, W23974, AI744046, R67477, AI141754, AA354090, R35475, R68491, R21025, AA193609, D61894, R73645, R26394, T31927, AI525962, H03716, AA156808, R46135, N57449, N55968, Z41367, AI760807, W31661, AA431498, AA249349, AA759185, AI282529, AA337457, AA037028, R52408, AA337363, AI183301, AA278889, Z45699, AA843795, AF150117, D51799, C14331, D80166, D59619, D80210, D80240, D50979, C14429, D80219, AA514188, D80522, AA305409, D80227, D80133, D80269, C14389, D51060, D80248, D81026, D59859,</p>

	AW377671, D58283, D51423, D80253, D80022, D80366, D80195, D59467, D80391, D80164, D59275, D80043, D59787, D59502, D81030, D59610, D50995, D80378, D80212, D59927, AW360811, D80188, D80196, D51022, AW177440, D57483, C15076, AA514186, AA305578, D80038, D80024, D59889, C14014, D80268, D80193, AW178893, D80045, D80251, AW178983, D80241, D80439, AW375405, D80247, D80302, T03269, AW360844, T11417, AW178906, C06015, AW366296, AW179328, AW360817, D51103, AW375406, AW378534, AW179332, AW377672, D59653, AW179023, AW178905, C75259, AW378532, AW177501, AW177511, AW178914, AW360834, AW352171, AW377676, AW352170, AW177731, D80157, AW178907, AW378528, AW178762, AW179019, AW179024, AW178980, AA809122, T48593, C05695, AW176467, D51250, D51759, AW367967, AW360841, AW177505, AW179020, AW178775, AW178909, AW177456, AW179329, D80134, AW177733, AW178908, AW178754, AW179018, AI557751, AW352158, AW352117, F13647, AW369651, AW178774, D80064, D80132, AW352120, AW179004, AW179012, C14344, AW378525, AW352163, D58253, C14407, D45260, D80014, D81111, AW378543, AW177728, D58101, AW179009, AW178911, AW367950, AW177722, AI535686, AW378540, AI910186, AW352174, AC006378, AC006479, AF007551, AR053396, U42755, AF007552, AR018138, A84916, Y17188, A62298, AB028859, A62300, AR008278, AJ132110, A82595, A30438, AF058696, I50128, D26022, A25909, A94995, Y12724, I50133, X82626, AR060385, X67155, A67220, D89785, A78862, D34614, AB002449, AR008443, I50126, I50132, D88547, AR060138, AR066488, AR016514, A45456, A26615, AR052274, X68127, Y17187, A43192, A43190, AR038669, Y09669, AR066487, AR008277, AR008281,

716	HCRNX33	874797	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 728 of SEQ ID NO:716, b is an integer of 15 to 742, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:716, and where b is greater than or equal to a + 14.</p>	<p>AR025207, I14842, AR054175, A63261, D50010, AR062872, AR016691, AR016690, U46128, AR066490, A70867, I18367, AR008408, A64136, A68321, D13509, U79457, AR060133, AB012117, I79511, AR032065, AF123263, AJ000347, AR008382</p> <p>AI458659, AI718398, AI912182, AA912114, AI817919, AW340262, AA978177, AI942220, AI364351, AI420859, AW072094, AI869085, AI703432, AA889858, AI693223, AI693660, AI582932, AI358701, AI537677, AL135661, AL041573, AI285735, AI349645, AA572758, AI554821, AI564247, AI917253, AI866780, AI288285, AW268253, AI345253, AI801544, AI955906, AI348897, AI537076, AA848053, AI571000, AI636456, AI343059, AI611348, AW161579, AI174819, AI174394, AI349933, AL047344, AI439762, AI654276, AL119836, AI668893, AI340603, AI625094, AA420722, AL046942, AI499263, AI345587, AA279293, AI312428, AW162189, AI494201, AI254226, AI888621, AL040241, AI344935, AI619607, AW268083, AW274192, AI446373, AI537273, C16221, AI567940, AI521560, AL048323, AI302910, AI698391, AL048340, AI923989, AI819976, AI539808, AW089572, AI560012, AI537991, AI446538, AW302988, AI923370, AI349787, AI580984, N71180, AI345745, AI610557, AI864836, AI623396, AW079075, AI554344, AI623682, AA470491, AI799234, Z99428, AI500061, AI969641, AW059713, AI345735, AI364788, AI929108, AI916419, AW054931, AW118382, AI270657, AW071417, AI963846, AI590423, AW088899, AI246319, AI524526, AI366549, AI636719, AI539153, AA176980, AI687127, AI539771, AL036396, AI683395, AI560030, AI866608, AW169658, AI805688, AI334884, AI611743,</p>
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	AI249877, AW083804, AI696626, AI801322, AI589993, AI805638, AI365256, AI345347, AI343037, AI366992, AL037582, AL037602, AI345677, H89138, AA493647, AI340627, AI310925, AL038605, AI340519, AI174591, AW020693, AI590120, AI307543, AI888953, AI345251, AW151138, AA938092, AI349957, AI345224, AI336513, AI889168, AI340659, AI267502, AA579232, AI348895, AA635382, AI866082, AI572892, AI345005, AI538817, AI815232, AI612885, AI805769, AI313352, AI345397, AI311892, AI334930, AI349256, AI307736, AI349622, AI632997, AW118518, AI436429, AL036274, AI349266, AI334452, AI344938, AI345370, AI702406, AI345674, AI345739, AI538885, AL036804, AL038778, AW149227, AW403717, AI345567, AI476109, AI570781, AI336585, AI310606, AL121365, AI493576, AI567360, AI348854, AI445976, AI798456, AW068845, AW151136, AW022682, AI608813, AL036718, AI500523, AW163834, AI859464, AW071380, AI345608, AI521012, AI277255, AI589267, AL036802, AI590415, AL043975, AW269097, AL036146, AI273142, AW268072, AI635492, AL036631, AW082033, AW075084, AA974049, AL037454, AI950664, AI312399, AI349937, AW020095, AI824746, AI805385, AI242251, AI307210, AI307708, AI344817, AI312325, AI500659, AI284509, AW172723, AA493923, AI633125, AI818980, AI345471, S72504, D31716, I89947, AL049300, AL117435, AF113690, S78214, AL133075, AL049466, AF097996, E05822, A08916, AR011880, AL122093, Y09972, AL133104, I48978, E02349, AL122123, AF146568, A08910, A08909, AJ238278, AL117457, AL133016, AF090934, AF125949, X87582, AL137459, AF090903, A08913,

	AF113019, I89931, Y16645, AL049938, AL117585, AF177401, I49625, X84990, AL110221, S68736, AL133606, U00763, AL080060, AL137648, AJ242859, AF183393, AL137538, AF113699, AL133557, AL096744, AL050277, AF106827, AL050146, A12297, X82434, AL049452, L31396, AF158248, AL137550, AL080137, AL117394, L31397, AJ006417, AL137526, AL050024, AL049430, AL049347, AL035458, AF113677, AF118070, AJ000937, AR038969, I33392, U42766, AF079765, AF113013, AL049464, AF017437, I09360, AL110196, AL122050, A77033, A77035, AL049382, AF090900, AF106862, AF111112, I48979, AL137556, AL117583, U96683, A45787, A08912, AL050138, U35846, AF104032, AF078844, E03348, AF090943, AL133640, AL049314, AL110197, AL050393, AF113691, AL122110, AF118064, AR000496, U39656, AF141289, E07108, AF090896, A07647, AL133077, AL110225, AL133113, AL133565, AL137479, AR038854, AL080086, AF003737, AL137557, I03321, AF017152, AL080127, AL050116, AL133072, X63574, AL137476, AF162270, AF026816, AB019565, AL133093, Y11254, X70685, AL133098, AL117460, AL137527, X98834, U72620, AL133067, AL137283, AL049283, AL050172, AF079763, AL122098, AL050149, AL137533, AL050108, AL137521, U91329, X96540, S61953, Y11587, AL137560, U58996, AR059958, AL133568, AL133014, AF090901, A03736, X72889, A58524, A58523, AF113694, AL137463, I41145, AF113689, U67958, A08908, AL133080, AL080159, I26207, I17767, Y14314, AF113676, U80742, X93495, AL122121, AF057300, AF057299, AF061943, AL133560, AR013797, AL122049, X62580, AL137523, AL117440, AJ012755, E07361, I29004, I00734, A18777, E04233, AF087943, E08631, E00617, E00717, E00778, AF061573, A93016, AF118094, A65341,

717	HCYBM3I	874800	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 806 of SEQ ID NO:717, b is an integer of 15 to 820, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:717, and where b is greater than or equal to a + 14.</p>	<p>I42402, AF111851, Z37987, AF125948, A90832, A08915, A08911, AC002467, AL080124, X81464, AF119337, L30117, X92070, AF026124, E15569, U88966, AL110159, Z72491, AF210052, Z82022, S77771, X65873, Y10080, AF091084, AF126247, AF067728, AL137271, M30514, AF153205, A93350, AF185576, AL110280, AF081197, E08263, E08264, I89934, AF065135, AL122111, AL080074, AF111849, AF017790, U68387, E02221, AL133665, S76508, AL137539</p> <p>AI566493, AW375947, AA305406, AA313526, AA056417, AI732393, AA053102, AI623483, AI732453, AI262603, AA088861, AI920859, AI922856, AA565642, AI688206, AI721059, AI601183, AA045860, C14331, D50995, D59467, D80522, D80133, C14429, D80269, D81026, D80227, D59610, C14389, D80195, D51060, D50979, D59502, D80164, D59275, D80248, AW377671, D51022, D58283, D80366, D59859, D51799, D80022, D80166, D51423, D59619, D80210, D80391, D80240, D80241, D80253, D80043, D59787, AA514188, C15076, D80038, AA305578, D81030, D80378, D59927, D80212, D80193, D80196, D80188, D80219, AA305409, D80045, C06015, D80251, D57483, C14014, D59889, D80024, AW178905, AW360811, D80268, AW177440, D80302, AA514186, AW178983, D80439, AW178893, T03269, D80247, AW178909, AA809122, AW178907, AW375405, AW360844, D59373, AI535686, C75259, AW177501, AW179328, AW177511, AW366296, T11417, D51103, AW360817, AW375406, AW178906, AW378534, AW352171, AW179332, AW377672, AW179023, AW378532, AW352170, AW377676, AW360834, D80157, AW178908, AW360841, C05695, AW177505, AW178775, AW178762, D51759, AW177731, AW178911, AW378528, AW178754, AW179019, AW179018, AW179024, D80132, AW352117,</p>
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				AW176467, D51250, C14407, D59653, AW367967, D80134, AI535959, AW179020, D58253, AW177456, AW369651, AW179329, C14344, AW178980, AW352158, AW178914, AW177733, AW178971, T48593, F13647, D45260, AW179017, AW378525, AW179004, AW352174, D81111, AW178774, H67866, AW378543, AW179009, AW179012, C14227, AW352120, AW352163, T03116, C14973, AI525923, H67854, D80064, D80014, D59503, AI557751, C03092, D80258, AW177722, AI910186, AW177728, D58246, D58101, AW367950, AI905856, T02974, AW378540, D45273, AA514184, AW178781, T03048, D59317, D51221, D60214, AI525917, AW378533, AI557774, AW178986, AW378539, AW177734, AW177723, D59474, D59551, AI525920, N66429, AI535850, D60010, AI525227, AI525235, C14957, C14298, D80168, C14046, H67858, D59627, AW179011, AI525242, AW179013, AI525925, AI525912, AI525237, AA285331, AI525215, D51097, D51213, D52291, Z33452, AI525928, X83228, U07969, A84916, A62298, A82595, A62300, AR018138, Y17188, AR016808, AF058696, AB028859, AJ132110, Y17187, AR008278, D34614, AR060385, AB002449, X67155, D26022, Y12724, A25909, A94995, X82626, A67220, D89785, A78862, D88547, AR008443, I50126, I50132, I50128, I50133, A30438, AR066488, AR016514, AR060138, A45456, A26615, AR052274, U46128, I14842, AR025207, Y09669, A43192, A43190, AR038669, I18367, AR016691, AR016690, AR066487, AR054175, X68127, AR008277, AR008281, A63261, D50010, Z82022, AR066490, A70867, AR062872, AR008408, I82448, I79511, A64136, A68321, U79457, AB012117, D13509, AR060133, A85396, D88507, AR066482, AF123263, A44171, AR032065, A85477, I19525, A86792, X93549, AR008382 AL121652
718	HDAAX73	874801	Preferably excluded from the	

719	HDACJ67	874802	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 449 of SEQ ID NO:718, b is an integer of 15 to 463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:718, and where b is greater than or equal to a + 14.	AA305080	
720	H2CBL90	874803	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 526 of SEQ ID NO:719, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:719, and where b is greater than or equal to a + 14.	AI951683, AI809714, AI809721, AI394533, AI767318, AI094691, AA029855, AA028984, AI290496, AI369846, AW016201, AA458598, AA307690, AW050754, AI360916, AI869170, AA909457, AW170168, AI970554, AA551468, AI283689, AW277118	
721	HPCOE53	874804	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 823 of SEQ ID NO:720, b is an integer of 15 to 837, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:720, and where b is greater than or equal to a + 14.	AA228027, AA609203	

722	HDPGS84	874805	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 724 of SEQ ID NO:721, b is an integer of 15 to 738, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:721, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 492 of SEQ ID NO:722, b is an integer of 15 to 506, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:722, and where b is greater than or equal to a + 14.</p>	<p>AL043048, AA742189, AW054764, AI561117, AI992302, AI923292, AW166727, AI274788, AA234559, AI355592, AA112369, N46618, AW377234, AW377342, AW377356, AW377386, AI587445, AI678832, AA047021, AW377302, AI219803, AJ002744</p>
723	HCRMQ21	874807	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 526 of SEQ ID NO:723, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:723, and where b is greater than or equal to a + 14.</p>	<p>W21045, N95503, AA609427, AI160455, AI023376, N64494, AI360803, AI129199, AI761577, AI288246, D79868, AI382744, AI125069, R27394, D63048, AI288350, AI418959, AW024620, N95217, AI557123, AI471229, AI744766, AA494313, AA748657, W45037, AW451949, AI188674, AI362545, AI864630, AW008348, AW130278, AA612882, AA088415, AW439086, AI199886, AA872816, AW105430, AI017637, AI333449, AA092740, T24817</p>
724	HDTBM35	874809	Preferably excluded from the	AA767157

725	HCYBL83	874810	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:724, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:724, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1207 of SEQ ID NO:725, b is an integer of 15 to 1221, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:725, and where b is greater than or equal to a + 14.</p>	<p>AI623321, AW300556, AI863182, N41015, AA609331, AI262113, AA421238, AI675316, AA677554, AA693786, N47992, AA421278, T79801, AA305618, N51199, W90182, W90035, N47120, AW195215, AW377671, AI535959, F13647, D80522, D81026, T11417, C14331, AA809122, AW178893, D80251, AW177440, D80133, C14429, AW360834, D80166, AW375405, D80248, C06015, AW360817, AW360811, AW177731, D80366, AW366296, AW179332, AI557751, AW360844, T03269, C14389, AW179328, T48593, AW375406, D80014, D80439, AW378534, AW178906, D58283, AW377672, AW360841, AW179023, AW178905, D59859, D80022, D80195, AA305578, D80193, D59927, D59467, D51423, D59619, D80247, AW378528, D80210, D51799, D80391, D80164, D59275, AW178762, D80240, D80253, D52059, D80038, AW179019, D80043, D59787, D80227, AI535686, AW378533, D59502, AA305409, AW378532, D45260, D80258, D81030, AW178914, D80269, D59610, C14014, D80212, D80268, D80196, D80188, D51022, D50979, D80219, D50995, AW176467, AW352120, AW179024, AA285331, D80302, AW179020, D80157, AW377676, C15076, D51060, AW352171, AW177733, D57483, D51103, AW352170, D59889, AW178774, AW178907, AW178908, C03092, D80045,</p>
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			AW352117, D80024, AA514186, AA514188, D51759, AW367950, D80241, D80378, D51250, AW178781, AW378539, AW378543, AW179329, AW378525, AW352163, AW179018, AW378542, AW178911, AW177505, AW178775, AW178980, AW178909, AW177456, AW179004, AW177728, AW178986, AW178754, AW378540, AW352158, AW360855, AA514184, D58101, D81111, D58246, D59503, H67854, AI525917, C14227, D80064, D80390, H67866, C05695, T03116, D59317, AW177734, C14973, C75259, AI557774, D59474, AI525920, AI525923, AI525227, AI525235, AI525925, AI525215, AI525928, AR020753, X91148, X75500, X83030, AR020750, X59657, AR020749, X78567, X68127, L47970, Y17187, AF123263, A82595, A30438, A84916, I50126, I50132, I50128, I50133, A62298, Y17188, A62300, AR018138, U46128, A94995, Y12724, AR062872, AR016514, AR066488, AR060138, A45456, AB028859, D26022, AR060385, AR066487, AJ132110, A26615, AR052274, A43192, AR008278, A63261, A43190, AR038669, AF058696, A25909, A70867, A67220, D89785, Y09669, A78862, D34614, X67155, AR008443, AR016691, AR016690, AB002449, D88547, A64136, A68321, I14842, D50010, AR054175, AR050680, AB019242, AR025207, AR060133, AR008408
			AA013006
726	HDTJE91	874812	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 206 of SEQ ID NO:726, b is an integer of 15 to 220, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID

727	HE6BJ48	874813	<p>NO:726, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 880 of SEQ ID NO:727, b is an integer of 15 to 894, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:727, and where b is greater than or equal to a + 14.</p>	<p>AA838817, AI363359, AW381999, AW381997, AW382037, AW382000, AA130883, AW382042, W44317, AW382041, AW024421, AW382039, AI860245, AW382036, AW381961, AA181315, AA476550, N36268, AI745226, AA934010, AI864889, AW190584, AI934734, AA476511, W45689, AA397755, AI360479, AW296273, AA725447, AI057565, AI057575, W69682, AW382054, N48961, AW294934, AI289253, AI420914, R73005, AA834847, N26942, AA287909, AW129159, AI469219, N93170, AA722597, N24813, AA480568, AA973375, AA608646, W69923, AI802361, AA187057, AA922809, AW405922, AA765559, N50732, AI371721, W69742, AA025176, AI198763, N29758, AA489547, AA025086, W38774, AA846251, AA469332, AA628720, AI620348, N45678, R73609, AA485936, AA953969, AI419552, AI673394, N79465, AI371497, N55055, R92585, AW382008, AI380273, AI380284, AA130938, T10624, AA644324, F30043, T24907, W02954, C04728, AA476411, AI265839, AA215872, AA781266, AA972633, AA845384, AI886300, AI918596, AW073685, W88920, AA244168, AA428402, AI199155, N45235</p>
728	HE8NK63	874815	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 829 of SEQ ID NO:728, b is an integer of 15 to 843, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:728, and where b is greater than or equal to a + 14.</p>	
729	HDTHF30	874816	<p>Preferably excluded from the present invention are one or more</p>	<p>AA393337, R14286, AI469488, AC005156</p>

730	HDPY54	874818	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:729, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:729, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1479 of SEQ ID NO:730, b is an integer of 15 to 1493, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:730, and where b is greater than or equal to a + 14.</p>	<p>AI242679, AI128033, AI204040, AA463374, AA609277, AI092770, AI372861, AI650665, AA131907, AA503404, AI658580, AA969174, AA425154, AW022724, AA480929, AI219771, AA904881, AI925661, AA515933, AA464617, AI350638, AA534042, AA632228, D62936, AI352219, AA303392, AA928391, AA455315, AA759364, AA344086, AA027060, AA652905, AA974613</p>
731	HE2LN12	874819	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1043 of SEQ ID NO:731, b is an integer of 15 to 1057, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:731, and where b is greater than or equal to a + 14.</p>	<p>AW069817, AA889537, AI304644, AI424965, AA442375, AA437296, AI685473, AA922676, R80299, AA749272, AA903905, AI283505, T93911, AI859758, R80197, AA285021, AA678303, T93867, AI950607, AA454122, AA699761, AI439452, AI949510, AI269205, AI284035, AI950729, AI932794, AW151136, AI884318, AW169604, AW073708, AI569975, AW020397, AI288305, AI630928, AI690748, AW131282, AI955117, AA872507, AI445829, AI872423, AW079409, AI473451, AI582932, AW023072, AI561038, AI270099, AI473799, AI610895, AI524671, AW051088, AW103928, AI633125, AI927233, AI702073, AI698391, AI538564, AI815232, AW019988,</p>

	AI915291, AW152182, AI538850, AW166583, AI889189, AI784252, AI473536, AL046618, AI952217, AI866469, AI572096, AL039716, W74529, AI440239, AI682798, AI591420, AW191844, AI570807, AI538055, AI952145, AW008589, AI687809, AW078895, AI440426, AW238688, R32821, AW117926, AI433157, AI365256, AI685798, AI619737, AW118496, AW198090, AI590227, AL046595, AI281757, AI309244, AI566670, AI375303, AI355779, AW102794, AI802542, AW148423, AL043355, AI587606, AI539771, AW089275, AW148294, AI955917, AI538980, N33175, AI963346, AI417790, AI635467, AI696570, AI590134, AW083778, AI619426, AI866770, AA514684, AI554821, AI670009, AI679266, AI280732, AI274508, AI648509, AI627893, AI287449, AI610799, AI521560, AW102924, AI254731, AW080746, AA806720, AL036673, AI634345, AI572021, AI273085, AI932966, AW263355, AI889376, AI471712, AI678446, AI571439, AI499963, AL037030, AI536638, AI640704, AI354630, AI610402, AI673363, AA502794, AI564259, AI624293, AL039086, AI891031, AI567373, AW162194, AW074161, AI933992, AI956080, AI636588, AI866040, AA788861, AI285448, AI633198, AW198021, AI651840, AI923370, AL046466, AI525653, AI890507, AI963458, AW168503, AW073677, AI888621, AI636585, AI868931, AW169132, AW085734, AI571867, AI819522, AW192652, AI500463, AW080090, AI609236, AI500061, AI631273, W46378, AI890907, AI913330, AI539800, AW080992, AW129230, AA641818, AI628331, AI561231, AA805434, AW026087, AW081515, AI874261, AI554343, AA001397, AI971615, AI570861, AI609409, AI471282, AI591387,

	AI345688, AW167021, AI611738, AI768496, AI926878, AW026882, AI538764, AI917963, AI612750, AW193125, AI159837, AW050850, AI500714, AI521040, AI811373, AI859991, AI623941, AW118518, AW081866, AI609589, AW192701, AI439745, AI559586, AI862139, AI609069, AI559296, AW168452, AL045500, AI251221, AA579618, AL037454, AI916419, AI912510, AW088628, AI961589, AW163834, AI270706, AI799183, AB002350, AF067728, I89947, X83508, I48978, Z82022, AR038854, AL133075, AF030513, AL080159, A77033, A77035, AL080148, AL137480, AJ005690, A15345, AL117460, I09499, A08910, A08909, A08913, AL137529, AL137550, AF003737, A21103, AF126247, AL137267, A08908, AL023657, AF061981, A52563, AF097996, AJ000937, AL137271, A08912, Y07905, AF032666, A18777, Y11587, I33392, AF183393, AL117649, AL117440, AL133113, E12747, S36676, AL137557, I48979, AF111849, AL122100, M27260, AF090903, AL050149, AF177401, AL050155, AF106657, AF139986, Z97214, D83032, AL137479, AL050393, AL137463, I89931, AL133067, AF087943, AL137533, AL050138, AL133560, I49625, A93350, A18788, I89944, AF162270, AF113019, A08916, E02349, AL110221, AF106862, AF091084, AF113677, A49139, AF185576, AL133665, A58524, A58523, AR020905, AF073993, AL117416, AF106697, A45787, X82434, A65341, AF051325, U58996, AL110296, AJ242859, AL137538, AL117435, AJ012755, I89934, AF026816, AF113690, AL050277, AL133558, AF054599, AL133080, X80340, AL080154, I17767, AF153205, Y14314, AF061573, AF210052, AF113691, AF031903, AF090934, AL122050, AL137560, AF069506, AL050092, AL137294, AL110280, AL110218, L13297, L19437, AL049283, AL137459, I17544, AL122045, AR011880,

732	HWLUR88	874820	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 465 of SEQ ID NO:732, b is an integer of 15 to 479, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:732, and where b is greater than or equal to a + 14.</p>	<p>AF118094, AL080126, E02221, AL137292, AL122110, AL110196, AR029490, X98834, AL122123, I00734, AF079763, Y10080, Y16645, AL137478, AL049314, AL133081, I46765, AF026124, AL133016, E00617, E00717, E00778, AF158248, E06743, AL137488, AL12297, X65873, U35846, U88966, U00763, U67958, X62580, AF031147, E07108, AL050116, U80742, U78525, AL049452, AL096751, A03736, X63574, S78214, AR013797, AF028823, AL050024, X60786, E04233, AL049430, AF118090, AB007812, Y09972, AL049426, AL110222, AL133606, S76508, AF057300, AF057299, X96540, AL117438, E02253, AF113699, A76335, L30117, X84990, AL133557, AF017152, AF000301, AF061795, AL117457, AF151685, I66342, U49434, AF090901, AL137521, AF008439, X81464, AF111112, AB019565, AF113694, AL133104, E03348, AL137283, AR034830, I96214, I28326, AL049938, AL110197, AL137648, AF159615, AL117585, U68233, I92592, A07647, E08631, AL050146, AL080074, AL137548, AJ006417, X72889, A23630, AL110159, AL080124, AF067790, AL133640, AL122106, Z37987, AL117578, AF090900, U00686, AF040751, AL050108, AI813370, AI347789, AW172489, AA632341, AI640332, AI831043, AI634781, N54622, AI243330, AA465716, AI537517, AI286048</p>
733	HE8SB04	874821	<p>Preferably excluded from the present invention are one or more</p>	<p>AA464464, AI082218, AW182490, AI379580, AA909005, AI635358, AA774283, AI803700,</p>

734	HE9QM31	874822	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1505 of SEQ ID NO:733, b is an integer of 15 to 1519, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:733, and where b is greater than or equal to a + 14.</p>	AA662215, AW301638, AI363123, AI474335, AI123665, AI190331, H96655, AI823462, AA418515, N39183, AI283895, AI344676, N67658, AI356942, AI275386, AI086744, AW340859, AA478632, AI992081, AA055027, AA332619, AI073593, AW391585, AW391557, AW391597, N30407, AI828565, H66960, AW071063, AW367530, AI435912, AA883345, AA620895, AA662176, AA457116, AI082686, T61810, W01126, AA366710, AW014626, AA332593, AA598450, AI470713, T94660, T94309, AW391546, AI216703, AL121213, AI284173, AI023567, AW361583, AI473308, T24444, AW130493, AI053434, AI054246, AI307426, AI053816, AW301818 AA100448, AI310529, AA100445, AI954572, AA313352, AI221151, AI572035, AA044643, AI357541, AI056009, AW014460, AA846147, AI221914, Z41264, AA452975, N45557, AI364800, AA135867, N28381, AI653149, AA042829, AI890761, AI373810, N41344, AI290777, AI287638, AA770036, AA135868
735	HTELU32	874827	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 916 of SEQ ID NO:735, b is an integer of 15 to 930, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:735, and where b is greater than</p>	AI859095, AW001089, AI754571, AA024427, W93217, AI754568, AI970128, AA705518, AI368207, AA582905, W93216, AI660520, AI739331, AA535050, AA339696, AA024426, AW131858, AI357688, AA280596, R28813, AL046820, R28840, AF088072, AL117629

736	HEMGV90	874828	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 900 of SEQ ID NO:736, b is an integer of 15 to 914, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:736, and where b is greater than or equal to $a + 14$.</p>	<p>AI393309, AW005351, AI807923, AW166132, AA194090, AI799077, AI916382, AW328387, AI131240, AA287690, AA855025, AI694793, AI362805, AI131388, AI198516, AA287658, AI701814, AW139698, AA934428, AI824988, AW328388, AI680753, AA304908, AI654495, AI955554, AW340414, AI188081, AI630546, AW300307, AA062563, AI969069, AI309588, AI266070, AA987983, AI675830, AI138878, AA960973, AA973643, AI990363, AW087574, AW138983, AI741149, AA308513, R01958, Z63217, Z62190</p>
737	HDTMC78	874829	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1213 of SEQ ID NO:737, b is an integer of 15 to 1227, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:737, and where b is greater than or equal to $a + 14$.</p>	<p>W75954, AI818978, AW104295, AA310716, AI268282, AI695027, AI338037, N51604, AW194256, W72858, AA910060, W38965, AA034219, AA972762, AA932804, R31025, AI702974, N53893, AI381410, AI701035, AA033535, AI971270, R31515</p>
738	HFOXN77	874830	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 761 of SEQ ID NO:738, b is an integer of 15 to 775, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:738, and where b is greater than</p>	<p>W61005, W60917, AA594318, W78840, AA973426, T67067, H82716, T67023, AA057235, W32151, AI274912, AI245780, AI420911, AA058680, H44819, AI334825, AI139937, T93264, W22954, H45775, N70872, H83584, H43045, AW136595, H42569, T67066, AI783774, W06829, W32003, W80739, H21819, N91786, H27240</p>

739	HWLMW6 1	874832	or equal to $a + 14$. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1423 of SEQ ID NO:739, b is an integer of 15 to 1437, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:739, and where b is greater than or equal to $a + 14$.	AL048242, AA488387, AI859912, AA635142, AI634222, AI094012, AI753483, AI079976, AI004764, AA774688, AI890561, AW361493, AI805597, AI674711, AI014503, AW272372, AI080247, AI919501, AA344044, AW408115, AA503765, U22233, AR059583
740	HHFLR55	874835	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1375 of SEQ ID NO:740, b is an integer of 15 to 1389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:740, and where b is greater than or equal to $a + 14$.	AI478119, AW297828, AA133259, AA164334, AI688009, AA3113903, AA298157, W52898, N49843, Z43233, AA418223, AA234654, R13291, W00517, AI521689, AA223389, N78442, AA090729, AA650256, N76619, N76618, AA375175, AA418077, T10773, AW179049, AA295774, D58310, U10550, U13052, Z80109, U13053, U10551, U34830
741	HWLQO14	874836	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 838 of SEQ ID NO:741, b is an integer of 15 to 852, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:741, and where b is greater than	W73189, AI739658, AW162602, AI038197, AA515992, AA505599, W72792, W76439, AA505559, AI372041, AA505550, AI344182, AI345860, AI345870, AF025304, L41939, AA505740

742	HHGDC54	874837	or equal to $a + 14$. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 432 of SEQ ID NO:742, b is an integer of 15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:742, and where b is greater than or equal to $a + 14$.	AC005332
743	HMSCD54	874843	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 878 of SEQ ID NO:743, b is an integer of 15 to 892, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:743, and where b is greater than or equal to $a + 14$.	AA521238, W56901, N94826, W79140, W39103, N29199, W79333, AW403689, R78672, T84674, N49349, R13386, AW407725, AW388564, AI300084, AW388522, AW388547, W21163, AW388541, AA355390, AW388412, AI817084, AI913840, F03716, AW388542, AI816739, AW388422, N63570, AI809415, H21737, AI991028, AW009328
744	HISCH48	874844	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 686 of SEQ ID NO:744, b is an integer of 15 to 700, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:744, and where b is greater than or equal to $a + 14$.	AI142131

745	HHGDL18	874845	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:745, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:745, and where b is greater than or equal to $a + 14$.</p>	<p>AI738662, AW193278, AI459915, AA887962, AF107453, U07664, X56537</p>
746	HOSMQ26	874847	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1315 of SEQ ID NO:746, b is an integer of 15 to 1329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:746, and where b is greater than or equal to $a + 14$.</p>	<p>AI660037, AI299786, AA829747, H56186, AA352328, W38841, AI161351, AI148191, R96121, AA995008, AI193065, AI017193, H56403, AA379061, AA190904, AA904070, AA379060, AA075300, R96080, AA191311, AI439209, AA146764, AA146875, N92519, AA503807, AA649029, AI140061, AI379863, AI803876, AA577360, AA577361, D38550</p>
747	HISDK89	874849	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 225 of SEQ ID NO:747, b is an integer of 15 to 239, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:747, and where b is greater than</p>	<p>AL031768</p>

748	HLSAA22	874851	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1575 of SEQ ID NO:748, b is an integer of 15 to 1589, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:748, and where b is greater than or equal to $a + 14$.</p>	<p>AW452603, AI375427, AI202773, AI804097, AI500311, AI936889, AW090245, AA043900, AA025796, AI744559, AA644451, AW297895, AI143524, AI241966, AA644491, AI359599, AI939514, R49737, R37968, AA679698, AA025795, Z22968, Z22969, Z22971, Z22970, Y18390, AJ243816, Y18388, Y18389, AJ224687</p>
749	HFOXRA5	874852	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:749, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:749, and where b is greater than or equal to $a + 14$.</p>	<p>AA732106, AA522612, AI753227, AW021502, AI683772, AI084654, AI752575, AA913517, AA769955, AA721756, AI371200, AA948399, AA187208, AI627196, AA725797, AI879607, AI377473, AI371144, AI184958, AA609398, AW238518, AI031933, AI042581, AI090709, AA551957, AI347029, AI076805, AA994104, AI128467, AA605136, AI721175, N64728, AI093038, AA780778, AW009794, AW238474, AA000992, C75299, AI146705, AA572814, AA552148, AA554746, AA056992, AI262510, AI074220, W61162, AW238722, AA451895, AA552863, AI827340, N93164, AA805114, AA502630, AA047882, AW241184, AA468061, N75393, AI750255, AA724891, AA969850, H93295, AI186020, F37307, L44325, T07924, N22680, AI923732, W42592, AA468001, R68947, N95336, AI460024, AI266318, T50094, AA526649, W72244, AA133408, AI351303, R16108, AA852240, AA320739, R70096, F04400, AA468021, F27323, AI828393, AI424671, AI963007, AW088242, H78587, AA363539, H21918, AI984226, AI638566, AI949544, AI805471, AI620656, H78594, AI954065, AW342018, AW151573, AI984217, AI683719, AI811304, AI677978,</p>

	AI469666, AI872147, AW148849, AA807776, AI818583, AI369048, C21325, AI811169, AW169367, AW068194, AI888323, AI669314, AA005352, AI923242, AI587541, AW169722, AW090641, AI499642, H27583, AA320446, AI954136, AW020391, AA913080, AW193946, R98361, AA573557, AI917224, AA191725, AA057867, AA574024, H91709, T28335, W24359, AW380140, AI432915, AI289968, AW377772, W61228, AW078797, AA349251, R70046, R93092, H12474, AA568499, AW391241, N58906, AA491516, AI802056, H87977, AW195972, T29577, AW023843, AW168565, AI954481, AW393660, AW386924, D45657, W04892, H88158, AW389520, R25411, AW386947, AA053017, H27509, H64708, AI801167, AA362152, W76089, H21713, AI864857, AA361413, AA344218, H27597, AI446698, H93803, AI921746, AI567625, AI432570, AA908294, AI811912, AI699020, AL046942, AW088131, AI570966, AI702540, AI583578, AI744204, AI203903, AI865942, AI362537, AI471909, AW152415, AI862785, AI342023, AI683634, AI524179, AI469516, AW391254, AW265004, AI932638, AI049923, AI972170, AI571511, AI885982, AW088899, AW103628, AI473208, AI682891, AW080076, AI635528, AI224373, AI784253, AI274655, AW082532, AI799234, AI690813, AW117652, AI368579, AI270039, AW089932, AI924686, AW084353, AI687568, AW079315, AW104683, AI305745, AI886355, AI538850, AW087824, AW079706, AI624529, AW148685, AW194014, AI679990, AI950664, AI249946, AI3845, U01691, I07181, U05770, M18366, A07367, X12454, I33410, M19384, J03745, I07345, I07344, M21731, E01816, E14351, I08832, U92992, AL050172, U42031, S61953, AF047443, A86558, AF038847, AL137538, AL049466, AL136884, I42402, AL133067, E02221,

	U49908, AL080146, AF078844, AL096728, AF139986, X59414, X79812, AB007812, U96683, AL122110, Z72491, I09499, I66342, X83508, AR068466, AL110197, AR050959, AF067790, AL122050, AB025103, AF125949, AF158248, AL137268, U89906, I33392, AF030165, AL133081, AF038191, AF061795, AF151685, X54971, AL117435, E03671, AL049423, E01963, S68736, A27171, AL133061, X61399, X72889, X75295, AF040723, AL050170, AB031064, X66862, AF109683, AL122098, M27260, AF015958, AF002672, AF167995, AF153340, AL050024, AL137478, AF067420, AF132676, AF061836, AF159615, AF036268, U89295, AF119336, AL117587, AF126488, AF124728, X06146, AL133619, S77771, AF032666, U75378, AL133084, AL133557, U37359, I25049, AF044323, U75370, AF019298, AL080074, AL133665, AF114170, U02475, AF115392, AL137536, AL137554, AR060156, AL133075, AF090900, E12579, AF026008, U00686, AF040751, AL122118, AF180525, A21625, AF102578, X87224, AR038854, AF113019, Y18678, Y18680, AR029490, U83980, AF114818, E12580, A08912, AL133049, AR011880, A08910, A08911, AL110159, X63410, AL050015, A18777, AR020905, I89931, A08909, A65340, AF192557, E06743, AL137550, AR029580, AB019565, I49625, A08907, S83456, A65341, AF118070, A08908, X83544, AR068753, I25048, S79832, AL050138, AJ012755, AF022363, AF061943, S76508, AL035458, AL117635, A08913, AF120268, AL117460, AL117585, AB028451, L31396, X93328, X66975, L31397, AC002471, AC005374, AL022170, I89934, I29004, X66417, A15345, Y08769, AF013214, I30339, I30334, A83556, I18355, AL117626, Z82022, L13297, I34392, AJ005870, I48978, AL133014, AF106934, U72621, AL137294, AF081197, AF081195, AF113013, AB016226, E03348, AF017437, AF126247,

750	HWLOV52	874854	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 953 of SEQ ID NO:750, b is an integer of 15 to 967, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:750, and where b is greater than or equal to a + 14.</p>	<p>AL137557, U92068, X60786, AR019470, A77033, A77035, E03349, AF089818, A90844, I89947, AF111851, AF118092, AF183393, AF185614, U62966, AJ010277, A12297, AF000145, AF008439, AF182215, E12747, E15582, AB026995, U67958, X89102, E01812, AL137533, U78525, M64936, D16301, L30117, L44482</p> <p>AI885168, AA888053, AA526070, AI904928, AA526079, AI626102, AI990989, AI991953, AI335884, AI955194, N34316, AI904932, AI401049, AA552509, AI912336, AI090803, AI653454, AI285288, AI554150, AW361826, AI469648, AI888215, AI690777, AA916251, AA577010, AA595258, H30706, AI435882, AA837994, T36285, AI004435, AA480480, AI400085, AA293626, H53447, AA991155, AI287574, AA480481, AI869239, AI833056, R84598, AI769037, R85487, AA394121, AW081575, AI284876, AI673603, H53446, C15349, H38297, AW085042, AA336843, AA552555, AI721236, N44209, AW050853, AI934050, AA552171, C15673, AA292365, AA337307, R49981, AI582103, T03674, AI568122, AW001520, H28136, AA336805, AW301080, AW301098, AI419713, R89516, R47841, AW009642, AA687930, AI983880, AI220138, AA922388, AW137358, AA506059, AW362569, AI940058, AI940028, AI698863, R89519, R95454, M27444</p> <p>AA569032, AW081426, AW151852, AW016936, X91863</p>
751	HKCAA14	874855	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 681 of SEQ ID NO:751, b is an integer of 15 to 695, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

752	HMAMA0 2	874856	NO:751, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 376 of SEQ ID NO:752, b is an integer of 15 to 390, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:752, and where b is greater than or equal to a + 14.	AI050715, AI868341, H04044, AI735282, AA315106, AA748069, AA778604, AA670061, F33750, AA044296, AA838724, AA865306, AA281640, AA523324, AA535136, AI360419, AI193427, AA994841, AI357495, AW131546, AA126719, AI015647, AI523059, AA887803, AI041265, AI023519, AI681516, AA554009, AA131586, AA458689, AI569655, AA334077, F27238, AA044123, AA879213, AA962758, AI371385, AI341538, AA976084, AA659914, AI002087, AI479801, AI354856, AW391885, AA358439, AI311108, W05652, AA720819, H77748, AA551303, R38305, AW303631, AW453073, AC006509, Z84480
753	HKABV02	874857	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 494 of SEQ ID NO:753, b is an integer of 15 to 508, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:753, and where b is greater than or equal to a + 14.	AI948480, AA947922, AW027578, AA533072, AA442119, AI985820, AA122356, H04274, AA976703, AA482468, R53722, R78612, R67227, R78611, R37176, AA480651, AA363291, AI680596, H02979, AA807015, N67448, R52940, N66783, AA301771, AI345202, AI335480, Z41434, C03488, AA122320, AL041772, AI569328, AA857847, AI355849, AI619716, AI590227, AI282355, AA911767, AI491842, AI590575, AI537261, AW087534,
754	HKGBD56	874858	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1148 of SEQ ID NO:754, b is an integer of 15 to 1162, where both a and b correspond to the positions of	

nucleotide residues shown in SEQ ID NO: 754, and where b is greater than or equal to a + 14.	AI561356, AI560030, AI635464, AI634345, AI758270, AI439762, AA833760, AI472566, AW029611, AI524179, AA514684, AI538716, AI912434, AI540179, AI073952, AI590021, AI680221, AI582871, AI863382, AI921464, AI591040, AI868204, AI569975, AW149925, AI624950, AI961589, AI159837, AW193949, AA804860, AI863321, AI473451, AI818562, AI801592, AI654750, AI537303, AI669639, AI628316, AI367203, AI564719, AI365256, AI570989, AI567351, AI783861, AA804877, AI611743, AI886206, AI367210, AI634805, AI636719, AI619502, AW148320, AA504514, AI089970, AW243878, AI680498, AI273856, AA814782, AI249877, AI610690, AI799158, AI289863, AW148408, AW131294, AW170725, AA916033, AI368579, AI583065, AW190297, AW262983, AW263569, AW152182, AI273085, AW088560, AI567582, AW007309, AI269580, AW082623, AI309589, AW025412, AA937558, N99088, AL040011, AI539153, AI634467, AW078529, AI679179, AW151136, AI421903, AW072588, AW130430, AI633125, AI889818, AI597918, AW118496, AI890852, AI887163, AI241901, AW073865, AI333104, AI828731, AL036187, AI862139, AI439452, AW083175, AI536563, AI620056, AW075648, AA437338, AI446809, AI932739, AW089009, AI433157, AI702073, AI554821, AI434468, AW132104, AW104827, AI521799, AI249962, AI670009, AW188573, AL047187, AI590415, AI167353, AA908294, AW029401, AW051059, AW090086, AW105087, AI312542, AW189268, AI250848, AI684013, AW082532, AL037041, AI569583, AI919534, AI886415, AI830029, AW025279, AL036780, AI453322, AI095119, AW075519, AI682903,

AI609196, AI955906, AI689470, AW087901,
AI784214, AW194441, AI921753, AI367680,
AW075381, AI247293, AI491775, AW087866,
AW084117, AI560023, AI872154, AI886055,
AI922707, AW167448, AI049669, AI677796,
AI564144, AI624548, AW028033, AI598061,
AW129230, AW026707, AI888621, AI281867,
AI309306, AI284060, AI934052, AI865998,
AI934026, AI419440, AI953393, AI286256,
AL042440, AI799674, AW084447, AI376973,
AI824648, AI932949, AI675052, AI445864,
AI569945, AI566003, AW188539, AI536638,
AI281412, AI828367, AI567993, AI804983,
AI362248, AI432030, AA835966, AI671679,
AI635045, AI273964, AI800440, AI624293,
AI812080, AW090498, Y13350, AL035458, AF095901,
I00734, AC004797, AL050155, AF185614, E00617,
E00717, E00778, AL133557, AC005048, AC004883,
AL031346, AC007172, AF113694, AL031281,
AC005091, AF109905, I66342, AL137523, X56039,
AF044221, AF182215, AC002471, AL034400,
AL049426, I30339, I30334, AL080060, AF109906,
AF042090, AC006112, AP000247, Z37987, AF113690,
AC007298, U49908, AL133113, AC018767, AL035407,
Z49258, AP000020, AF055917, AL049314, AJ001388,
AL078630, AC004213, AC004987, AP000130,
AP000208, AC006336, AF110520, AB026995, U79523,
AL035587, X53587, AL133081, AL133636, AC005488,
AC009233, AL049430, AL133637, AL050280,
AC007392, AF061795, AF151685, AF078844, I26207,
I33391, AL022170, Y00093, Z98036, AL050309,
I89947, I48978, AC005156, AL122100, AC004878,
AC006978, AC006115, Y10823, AC005876, AC005374,
AC004690, AL031984, AC004093, AF130342,
AC005291, AL050310, AF177767, I52013, AC004822,
AC009286, AF118094, AC004383, AF150103,

				<p>AC006373, AC006453, AL132985, AF118092, AL137548, AF047716, AI8777, AC004399, AC006313, AL122106, X84990, AL080126, AC004485, AL110197, AF016047, AC006501, AC004227, AF061981, AL080234, AL137550, AL022147, U35846, AR038854, AL080124, U95739, AF038847, X52128, AL133665, AF159615, I03321, AF090903, AB020777, D83032, AC009501, X81464, AL049557, AF065135, AC006222, AP000697, AF090886, Z13966, S77771, AF180525, AF179633, AL133098, Z99297, AC002287, AC007390, AL110296, S69510, AF040723, AC008067, AP000344, X82434, X62580, Z94277, AL137554, AJ238093, AF184965, AL117432, Z82206, AR053103, AF091512, AF003737, AL049300, AC004686, AF215669, AC005886, X59813, AC007748, A08913, AF094480, U37359, AL080140, AF090901, AC002457, AL137281, AF199027, AL034417, I89931, AC006561, AL050116, A08912</p>
755	HKACE03	874859	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1073 of SEQ ID NO:755, b is an integer of 15 to 1087, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:755, and where b is greater than or equal to a + 14.</p>	<p>AI125783, AI924555, AW299397, AI003778, AI084790, AI808326, AI276171, AI818222, AW411324, AI457598, AA777670, AI760566, AI275468, R40988, AW273161, AI042210, AA827440, AI673100, AA464847, AW189888, H22204, AA577244, H26725, AA635778, AI167416, AA570053, AW044195, H40445, AI381617, T91840, R39891, H40444, AW244125, AA877600, AA491735, AI874100, AI873071, AI264603, H26726, R87094, AW375363, T91926, R14470, R13596, H22153, R48422, AA470331, AA470347, AA468450, AA468277, AA468204</p>
756	HBIOR20	874864	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 789 of</p>	<p>AI205247, AI870039, AC005392</p>

757	HKEAA44	874865	SEQ ID NO:756, b is an integer of 15 to 803, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:756, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 782 of SEQ ID NO:757, b is an integer of 15 to 796, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:757, and where b is greater than or equal to a + 14.	AI201974, AA448789, AI640253, AC006153
758	HKLSA63	874866	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 321 of SEQ ID NO:758, b is an integer of 15 to 335, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:758, and where b is greater than or equal to a + 14.	
759	HKGCI22	874867	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1005 of	AI742925, AI750866, AI433675, AI310737, AI671307, AI750867, AW070696, AA486195, W01828, AI808060, AI631512, R91227, AI183930, AW179025, AW139735, N70774, AA516368, AW407800, R85255, AW069110, AW192002, AA631915, AA442431, AC005874, AF134471, AC007535, AP000547,

760	HOGDO85	874870	SEQ ID NO:759, b is an integer of 15 to 1019, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:759, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1490 of SEQ ID NO:760, b is an integer of 15 to 1504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:760, and where b is greater than or equal to a + 14.	AL050307, AC004671, AL049843, AC009509, AC004890, AC005343, AL008710, AC004876, AC005681, AC005296, Z95114, AL132641, AF030933, Z83826, AC005839, AF001549 AA628522, AI494042, AI249716, AI091258, AI375095, AW300147, AI671479, AI083660, AA039683, AI695098, AW102750, AI281254, AI480349, AA922710, D80408, AA884219, AL134916, AL121296, AA516283, AA045618, AI436329, AA889419, AI978601, AA100470, AI187243, AA100371, AA856661, AA101452, AA041339, D80409, AA102694, R15445, AI914856, AA045655, AA100466, N56070, AA101461, AC006313
761	HLDX53	874871	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 799 of SEQ ID NO:761, b is an integer of 15 to 813, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:761, and where b is greater than or equal to a + 14.	AA628400, AI093204, AI991099, AA287786, AW009817, AA701864, AI272948, AI056972, AI243179, AI248098, AI307111, AA552168, T79840, AA652183, AA551685, H94082, AW276725, AI568808, AI382460, AA226928, R16826, AA502991, AI311519, AW020094, AW023111, AI311276, AI377161, AI345891, AA603359, AA655525, AA653300, AW021399, AI174930, AA601674, AA584125, AA595547, AA286836, AA829576, AA164946, AW103251, AI270019, AA551519, AI801505, AA054055, AL041375, R97239, AL036896, AI568088, N95424, AA581247, AI754293, AI732869, AA484164, AA832077, AI475297, AA584814, R96621, AI821987, AA669238, AA525331, AW275432, AA633762, AC006538, AF200465, AL031228, AP000031, S42653, AL034420, AC006046, U47924, AF196779, Z93017, AC004655, AC006512, AC004797, AL121603, AL021878, AC005399, U63721, AC005859, U91326,

	AC002553, AP000347, AC003111, D28126, AC005696, AC002425, U95739, AL035072, AC009731, U89335, L44140, AC002316, AC000025, AL096702, AC004139, AC004686, AC007216, AC005261, AL008731, AC007390, AC005067, AC005372, AP000547, AL049839, AC006027, AL078621, AL031005, AC006372, AC005730, AC005740, AC007283, AC005365, U80017, AC005874, AFI34471, AL117337, AP000962, AC006261, AC005368, AP000213, AC003109, D86566, AL035405, AC004263, AL078581, AP000557, AL096763, AC005755, AC016831, AC004084, AC004771, AL035455, AC004890, AL021155, AC005562, AC007686, AL050318, AC006468, AL049692, AC005527, U52112, AL021391, AL031295, AC005736, AC004663, AP000135, D88270, AC005091, AC007731, AL031281, AC006285, AC005011, AC009247, AL021707, AC006071, AC007666, AL096712, AL121595, AC004922, Z93244, AC005500, AB023049, AC005412, AC002369, AC004030, AL031283, AC005944, AF017104, U95742, AC016026, AP000505, AC005544, AC004883, AP000556, AL049869, AC005071, AC005829, AC005081, AC005670, AP000116, AC004817, AC003956, AC004832, AP000300, AC002477, AC004382, AC005291, AC002326, AP000502, Z98048, AL031680, AL109627, AF111169, AC002472, AF141309, Z98950, AC004685, AL021917, AL021918, AC004887, AL121658, AC004000, AC007227, AC007151, AC000038, AC006449, AC005940, AC003110, AC006312, AL096791, AC003030, Z86090, AC005911, AC005146, AC005377, AL035587, AL049748, Z82190, AF205588, AC005932, AC004675, AF196972, AC005815, AL009031, AC007371, Z99916, AL035458, AC005156, AF134726, AL031311, AC005632, AC007971, AC005014, AC005280, AL022165, AF038458, AC007308, AB028893, Z81314,

762	HKAHJ56	874873	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1999 of SEQ ID NO:762, b is an integer of 15 to 2013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:762, and where b is greater than or equal to a + 14.</p>	AL022316, AC007993, AC004878, AC004477, AC004491, AC004955, AC005237, AC007225, Z68284, AL121652, AL035249, AC003029, AC002381, AC002091, M30688, L35532, AC003963, AC006014, AC016830, AC005512, AL022726, AC005089, AC004745, AC002115, AL022721, AC005015, AJ246003, AF015416, AL080243, AC004232, U78027, AC005529, AP000045, AP000113, AC005921, AC004858, AL009183, AC004262, AF030453, Z94721, AC006571, AC005924, Z83844, AC003950, AL034379, AB023048, Z83856, AF112484, AJ003147, AP000350, AC005778, AC004584, AF088219, AC004224, AL022326, AC007030 AI935564, AI962435, AI201540, AI380214, AI961173, AI671158, AI566131, AI656491, AI433302, AI963189, AW135283, AW340593, AI590272, AI766176, AA772548, AI825187, AA434569, AI269941, AI969352, AA994820, AI186948, AI086149, AA913392, AI915883, AI675268, AI245795, AI168364, AW301722, AI057243, AW161652, T64438, AA689365, AI559552, AW160896, AI864281, AI700595, AW005608, AA312356, AW139160, AA913865, AA913409, AA913845, AW105064, AA161287, W52556, AA164728, AI679666, R73981, AW170061, H04457, AI224056, R82382, H04535, AA303834, AI381331, R82335, AA604090, T65708, AA318057, AA370674, AL046969, AI766991, N50963, W63609, AW275443, D63017, AI679094, AW080108, AW274528, AI686345, AA533067, AA747495, AW084257, AI860839, AA827714, AA804511, AA134133, AA932238, AI557808, AI540890, AI557602, AI557258, AL080122, AF151842 AA722013, AW269033, AA069460, AA361633, AA721982, AA584616, AB022537, AL031228, AC011422, AC008041, AC004025, AL121654,
763	HLTBL32	874875	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 606 of SEQ ID NO:763, b is an integer of 15 to 620, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:763, and where b is greater than or equal to a + 14.	AC004125, AL022321, AL109613, Z82203, AC005969, U40455, AL009181, AC003960, AL008713, AC004038, AL049562, Z82975, Z83841, AC002463, AC004613, AC004079, U69730, AL031285, AC006039, AC006120, AL035423, AJ239329, Z94722, AC007527, AL035552, AC002479
764	HLTHZ36	874876	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1920 of SEQ ID NO:764, b is an integer of 15 to 1934, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:764, and where b is greater than or equal to a + 14.	AI767750, AI250810, AA130228, AW118751, N27857, AI651312, AI433165, AI401466, W93368, W94962, N40981, D61455, AA165269, T55132, AA847805, AI468845, H30324, AA532365, D60542, AI619882, H30262, H03885, AI763215, H03884, T55300, AI699580, AA249484, D60543, N44989, AA165270, AA130049
765	HMEES39	874877	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 145 of SEQ ID NO:765, b is an integer of 15 to 159, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:765, and where b is greater than or equal to a + 14.	AC006014, AC005488, AC005049
766	HMKAO91	874879	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI215045, N23710, N23687, N23719, AI381455, AI904095, AC004660

767	HLYAQ21	874880	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 422 of SEQ ID NO:766, b is an integer of 15 to 436, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:766, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:767, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:767, and where b is greater than or equal to a + 14.</p>	<p>AI569747, AI949603, AW339333, AI936776, AI569861, AI565736, AA524378, AI433718, AI814606, AA928109, AA936433, AI769436, AI460156, AI808131, AI912468, AI827392, AI954011, H45332, AI804892, AI810078, AI934934, AI948440, AI369739, AI857312, AI391669, AI201931, W99313, AI203680, W99402, AA902596, AI193161, AA720019, AW118160, AA775522, R73459, AA302680, R01177, N95276, AI566140, AA779115, AA902680, AA024608, H45264, AW086135, H45122, AI245112, AI537576, AI051627, AI423335, AA302679, AI361236, AA400362, AA400200, AW051133, AW235966, H51924, AI969071, W24551, AA884669, AI056332, R73458, AA024607, H51323, AW169844, AA631740, H45426, AI927808, R10129, R01289, W24513, C00041, N92332, AW014923, AA731391, AA829858, AI952175, AA885351, AW418796, AI380472, T82683, AA635748, R11097</p>
768	HCRNL20	874881	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 478 of SEQ ID NO:768, b is an integer of 15 to 492, where both a and b correspond to the positions of</p>	<p>AI692777, AA258408, AW297619, AI183378, AI474260, AI191464, AW297512, AW294313, AI478485, AW297408, AW297737, AW294130, AW296186, AA127691, AA057640, N24184, H99253, H51139, AI139365, AI351435, H99620, AA057388, AA034447, N20668, H86528, R67834, H01050, H89687, N25995, AA683489, H85429, AI970658, AA057680, AF022857, AF022858, AF022860, AF016098, AF022859, AF022855, AF022861,</p>

769	HSYDX40	874885	nucleotide residues shown in SEQ ID NO:768, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1160 of SEQ ID NO:769, b is an integer of 15 to 1174, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:769, and where b is greater than or equal to a + 14.	AF022856, AF022854, AF016297 AI553878, AI582885, AA931164, X90541, AA628929, AW173048, AI609713, AI217596, AI079222, AI200872, AI200870, AI203632, AA687174, X90540, AA558961, N23581, AI264285, AA573065, AI393611, AA905973, AW020554, AA706045, AA287759, AA088176, AA481571, N98998, AA810417, AI345650, W24069, AA088606, AW370187, AW239122, AA287879, AI352261, AA996289, AW362844, T81660, AA290688, AI686379, W28498, AA334525, T93995, AI201809, AA354348, AI859184, AW406969, T93971, T81459, AI695585, AA938505, T93317, W84678, T93295, AI866401, AW370293, AA659812, AA938282, AA911428, AI261420, AI340666, AA045371, AI262921, AA046557, AA374218, W31229, AA749096, AA290946, AL035402, L20294, AF086166 AI961474, AW382909, AI923923, AI990751, AI813884, AA843844, AI301132, AI963119, AI935247, AI740608, AW361050, AI264633, AW196974, AW274440, AW237561, AW263591, AI566325, AI985954, AI890112, AI587310, AI986332, AI972620, AI968319, AI675856, AI033049, AI554274, AI922853, AI738691, AI342974, AI024422, AA947925, AI138813, AI867016, N25349, AW029458, AW276074, AW026634, AW007315, AA505889, AA906022, AA862214, AI797947, AA484620, AI888735, AI356599, AW365086, AI688404, N31464, AA307247, AW382877, AA491776, AA583862, AI000815, AA372018, AI289801, AA723582, H95976, AW392026, H95975, AW391990, AA223227, AA548574, AA330741, AA594055, AI686185, AW014082, H98886, R34321, AA301143, AI206620, AI524791, AI868801, AW273907, AI468354, AI689913, AI799367, R34204,
770	HWLOQ11	874886	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2454 of SEQ ID NO:770, b is an integer of 15 to 2468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:770, and where b is greater than or equal to a + 14.	

771	HMTAD91	874888	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1474 of SEQ ID NO:771, b is an integer of 15 to 1488, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:771, and where b is greater than or equal to a + 14.</p>	<p>AA573469, AA948211, AA577288, AW070462, T24686, AA773534, R35237, AI806231, AI367468</p> <p>AI961240, AA827821, AI718802, AI808413, AI572903, AA954259, AI379116, AW262991, AI141317, AA446001, AA419448, AW338468, AA150385, N66499, AW151742, AA279131, AW268151, AA421293, AI417463, AA295683, AA832485, AI088138, AA705264, AA329700, AA234839, AA150283, AA421397, AA147276, R28937, AA280142, AF129534, AF176703</p>
772	HOSFI36	874889	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 533 of SEQ ID NO:772, b is an integer of 15 to 547, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:772, and where b is greater than or equal to a + 14.</p>	<p>AW189850, M62157, Z84488</p>
773	HHEYM94	874890	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1380 of SEQ ID NO:773, b is an integer of 15 to 1394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA203209, AA203201, AI346446, AI339822, AA515482, H68047, AW168943, AA781795, AI796057, AA548344, AA295127, AA879077</p>

774	HPWCL64	874891	NO:773, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 653 of SEQ ID NO:774, b is an integer of 15 to 667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:774, and where b is greater than or equal to a + 14.	AA531009, AI803060, AW058661, AI871128, AI040865, AI635619, AA279688, AA314121, AA291325, AI300358, AI026031, AWI36587, N48589, AI333491, AI217438, AA872204, AA313681, AA761900, AA825668, N62189, AI742355, AI167192, AA782249, AI472224, AI027048, AA969624, AA907863, R81199, AA279718, AA489085, AI356298, AA496950, AA490549, AI915658, AW242542, AA489150, H41907, F09870, AI809172, AW139442, AI346557, Z39110, AI346071, AI769499, AA948417, AI261341, AI818467, AI658736, AW328021, AW328022, AA936846, AA725007, AI949826, AA903934, AI240430, T65227, AI698620, AA805276, AWI35001, N32423, AA077170, AI810090, AA094403, AI814548, AA070291, N56845, AA095591, T06057, AI884950, AA609881, AA635181, AF038969, AF038968, AF015553, AF038967, AF035737, Y14946, U77948, AC004883, AF043220, AF043219, AF017085, AL078475, AP000025, AP000026, AL050302, X53795, AL050379
775	HNTSQ62	874892	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1596 of SEQ ID NO:775, b is an integer of 15 to 1610, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:775, and where b is greater than or equal to a + 14.	AI686654, AI916713, AA714659, AW028133, AI989811, AI559512, AI718135, AA133016, AA310255, AI811558, AA071043, AA657616, AI872822, AI185995, AI191074, AI203138, AI434363, AA247842, AA568624, AA699378, AC002477
776	HRDDU54	874893	Preferably excluded from the present invention are one or more	AA115680, AB014519, E15921, U36909, U38481, U58513

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 541 of SEQ ID NO:776, b is an integer of 15 to 555, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:776, and where b is greater than or equal to a + 14.</p>	
777	HRDBA25	874894	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 207 of SEQ ID NO:777, b is an integer of 15 to 221, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:777, and where b is greater than or equal to a + 14.</p>	AA424352, AW297467, AI799462, AI873546
778	HSRAJ45	874895	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 746 of SEQ ID NO:778, b is an integer of 15 to 760, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:778, and where b is greater than or equal to a + 14.</p>	
779	HSABG91	874896	<p>Preferably excluded from the present invention are one or more</p>	AA374581, AC004134

780	HWLGN30	874897	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:779, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:779, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1372 of SEQ ID NO:780, b is an integer of 15 to 1386, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:780, and where b is greater than or equal to a + 14.</p>	<p>AI378613, AI936922, AA393435, AA523055, N76957, AW245437, T65927, AA024907, W30993, N47472, H48414, AI565690, AW242692, AI754672, AI720930, AA216408, AI201612, AA555112, AW149614, AA487105, AA603088, AI332480, AI492883, AI094251, AA024908, AI276096, R74140, AI167579, AI673629, N98762, W02738, AI272819, N55572, AA416685, N47473, AI167581, AI092203, AA825149, AA916571, AI092758, AI248909, AI264776, AA987509, AA483520, AI277944, AI369766, AA693736, N72972, AI002124, W04419, AA229487, AI221121, AA338147, R08949, R98836, AA523795, AA534283, D45508, R74047, AA630266, AW057930, AI572755, AW083760, AA364768, AI433042, AI298399, R08842, T64500, AA416833, AA400759, AW168370, AA417902, AA704957, T63533, T63389, AL042536, AF020202</p>
781	HSPAL74	874898	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1215 of SEQ ID NO:781, b is an integer of 15 to 1229, where both a and b correspond to the positions of</p>	<p>AI928200, AI760647, AI971249, AI638520, AI742888, AI811634, AI082194, AI601147, AI126493, AI125498, AA968723, AA758168, AI168553, AI417681, AA527858, AW275317, C18986, AI868664, AI418768, AA972311, AA193457, Y15909</p>

782	HRDFM44	874899	nucleotide residues shown in SEQ ID NO:781, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 333 of SEQ ID NO:782, b is an integer of 15 to 347, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:782, and where b is greater than or equal to a + 14.	AA378189, AA305464, AI061294, AL120389, AL120505, AA325521, AA077838, AI438956, AA767864, AA555085, H75272, AI382205, AC005823, AC007382, AF036938, AC004841, AC003982, Z85987, AC007899, AC006030, AC002365, L78770, AC004043, AC004458, AC002073, AC005036, AC003951, Z98048, AC005189, AL049569, AF121781, U53331, AL035249, AL031662, AC005519, AC004634, AC005264, AC005262, AC002378, AC004001, AC004230, AF024533, AC005088, AC006538, AF001549, AL022165, AC018633, AL049198, AL096803, AC005089, AC004212, AL050348, AB023050, AC008124, AC004770, AC004228, AP000512, AC007216, AL050318, AL024507, AL080243, AC005017, AL117257, Z93017, AL035417, AC005043, AL022326, AL139054, U07563, AC006509, AP000291
783	HCYBJ79	874900	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 281 of SEQ ID NO:783, b is an integer of 15 to 295, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:783, and where b is greater than or equal to a + 14.	AA745959, AW172736, AA292964, AA252386, AA234001, AA010065, AI160521, AI375953, AI375935, AW172922, AA419596, AI167445, AA526800, W92332, H91988, W15179, AW327300, AA397813, AI219021, AI858358, AA644467,
784	HSUBX76	874902	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	

785	HNEAF57	874903	is any integer between 1 to 720 of SEQ ID NO:784, b is an integer of 15 to 734, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:784, and where b is greater than or equal to a + 14.	AA729539, W92388, AA729171, T29560, H89939, D19699, N78673, AA699807, AI021915, AA705174, AA705503, AA306157, R00665, AA234002, AL134394, AA305796, R94138, X54942
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1297 of SEQ ID NO:785, b is an integer of 15 to 1311, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:785, and where b is greater than or equal to a + 14.	AI338045, AW249380, W90044, R20623, N26338, W79482, W79626, AA931694, AW136308, AA478905, AW058071, R55686, AW182353, W87443, AA136405, W90000, T27099, AI767123, AI277412, AI282660, AA478787, W87306, R13502, AI193958, AA703389, AA136215, N46128, AA657536, W40494, T97614, W90244, AA081640, R55687, N31234, T27098, AI186810, C03423, AA663371, N36858, AI193351, AI244503, AI936229
786	HWLRA09	874904	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:786, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:786, and where b is greater than or equal to a + 14.	AI014430, AW293893, AI765180, AA147335, AA976153, AA211147, R51494, AI188010, AL120688, AA995677, T25743
787	HSUSB86	874905	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	H14437, N42300, AA315244, D60676, AL133605, Z54952

788	HOSAK80	874906	<p>is any integer between 1 to 1003 of SEQ ID NO:787, b is an integer of 15 to 1017, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:787, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2704 of SEQ ID NO:788, b is an integer of 15 to 2718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:788, and where b is greater than or equal to a + 14.</p>	<p>AW375533, AW391787, AA639599, AW009797, AA255695, AW391819, AA425619, AA618510, AL079748, AA262080, AW391788, AI469517, AW014143, AI187969, AW391814, AA102264, AA639406, AA627578, H65116, AI380427, U47707, AI866005, H65168, AI124709, AW390000, AA769199, T25163, AW391823, AW021256, AA093243, AA425438, AL079464, U30246, U13174, AF051561, U70138, AF071863, Z36839</p>
789	HE8TM43	874907	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2616 of SEQ ID NO:789, b is an integer of 15 to 2630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:789, and where b is greater than or equal to a + 14.</p>	<p>AA394099, AW025523, AI765483, AA805363, AW299378, AW296409, AA548010, AI073822, AI127648, AA994971, AA417686, H42820, AA534227, AI538625, AI351805, AI636124, AW235552, AA600910, AI039515, AA905993, H45317, AA424496, H45253, AA079381, AI702324, AW104485, AI695911, AI611096, H00586, AA398116, AI749404, AA337844, AA335661, AA335270, H00587, AA417569, AA535640, AA730664, N87954, AA894367, AI912434, AI619502, AI538716, AI569583, AI686808, AA531444, AI445611, AI564719, AW022209, AI636719, AL041772, AI677796, AI439762, AI680498, AI366900, AI828731, AW075413, AI863382, AI567351, AI699865, AA427700, AI537303, AI583065, AI630928, AI536574, AW149869, AI961589, AI633125, AI824648, AI524179, AW007309, AI580984, AI569328, AI872711,</p>

	AI978703, AI799199, AI955906, AI818562, AI274759, AI249962, AW104724, AI469532, AI536638, AW087534, AI812107, AI590830, AI590021, AI491775, AI433590, AW148408, AI687728, AI560099, AW079159, AA449768, AI619716, AI886206, AW162071, AI590020, AI637584, AA833760, AI270183, AI590227, AI950892, AA225339, AI536685, AI597918, AI446511, AW089272, AI539808, AL045500, AL036802, AI554821, AI499393, AL038778, AI680221, AA572758, AW026882, AI620284, AI561356, AL036403, AI889306, AL036274, AI433157, AL121463, AI783504, AL079963, AI628205, AI824444, AW005858, AI871709, AI609331, AA804877, AI281762, AI445025, AI815232, AI500523, AI417790, AW152182, AI349645, AI247293, AI924971, AI435253, AW075667, AI826225, AW161579, AI476046, AI873731, AW020693, AI273839, AI925196, AI697137, AI921753, AW083175, AI612913, AA804860, AI309401, AI572787, AI340627, AW148320, AI432813, AL036631, AA911767, AW151136, AI678989, AL036396, AI613017, AI701074, AI824764, AL135661, AI862139, AI869367, AI648663, AI609580, AW029611, AI432969, AI492540, AI923357, AL036901, AI554344, AI610690, AW104827, AA640779, AL120853, AI634345, AI280747, AI271786, AI802542, AI624548, AW149311, AL048871, AW150578, AW301409, AI312428, AI634737, AI686877, AI445992, AL036736, AI445414, AA613907, AI954183, AI668893, AI537677, AA613322, AA938383, AI348897, AI282355, AI926790, AI581048, AI269862, AI886753, AI671679, AI520931, AI355849, AI499131, AW129106, AI274013, AI863321, AL036980,

	AW087445, AW102785, AI538829, AA641818, AI247193, AW084447, AI625079, AI475134, AL121365, AI520785, AI439089, AI499381, AI702073, AL119836, AI349772, AW188539, AL119863, AF049090, AF049089, I73428, U22321, I73429, I48978, AL049314, I89947, AF177401, AL117460, AF113690, I48979, AF106862, E03348, Y11254, A08916, AF078844, AL133080, AL117457, AL080060, AF146568, AF158248, AR011880, A08913, I89931, AF090896, AL096744, AL035458, AF113013, X82434, AF113694, AL133560, AL080124, I49625, AF113677, AJ000937, AL133016, L31396, AL050146, I66342, AL117394, L31397, AF090900, Y16645, AL122050, AL110225, U42766, AF113019, Y11587, AL133557, AF091084, AF090903, AL050155, AL137557, X70685, AJ238278, AL050116, AF125949, AL133565, S68736, E07108, AL049938, AL110196, AF079765, X63574, A08910, AF090943, AF113699, AF111851, AF090901, AL122093, AF090934, AF017437, A65341, AL050393, AF118070, AL049452, AL137459, AF017152, AF125948, AF113676, AL050277, AL137283, AL049466, AL133640, AJ242859, AR059958, AL133606, AB019565, S78214, AF104032, X72889, E03671, AL133075, U00763, A58524, A58523, AL110221, AL050149, AF015958, A08909, AF118064, AL117583, AL122098, AL050108, A93016, AF113691, AL049464, AF113689, AL117585, Y09972, AF097996, A77033, A77035, Z82022, AL137550, AL122121, AL122123, Y13350, X84990, AL080137, AL137527, AR034821, AF118094, E02349, AL049382, A12297, AL117435, AL110280, S61953, AL133093, AL137648, E07361, AL133113, U35846, U91329, AL049300, AL049430, AF183393, X65873, A65340, AL050024, S36676, A03736, AR038854, AL122110, AL050138, X96540, I33392, Z97214, AL133081, U86379, AL137533, AF061943, AL137538,

790	HTTBS45	874908	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 295 of SEQ ID NO:790, b is an integer of 15 to 309, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:790, and where b is greater than or equal to a + 14.</p>	<p>AL133619, AF182215, I03321, AL137271, AL137463, Z13966, U72620, AL080127, A07588, AL080159, M92439, AL049347, AL049339, I09360, E05822, U75932, U80742, X79812, AL137560, AF141289, AF199027, AL137521, AL049283, AL117587, AF118090, I17767, AF111849, X93495, AL137480, X98834, AL133665, AJ005690, AF111112, Z37987, AF030513, Y10655, X63162, AL110197, AL137574, X83508, A21103, AF087943, X80340, AF102578, I00734, AL133067, E06743, E00617, E00717, E00778, AF044323, AL137656, AL137488, E15569, AL133072, E01614, E13364, AF008439, S76508, AL133637, AF100931, AF067728, AL117626, I42402, AF192557, AF061795, AF151685, AL133077, AL133568, I32738, AJ012755, A15345, AR020905, A86558, Y10823, U73682, I30339, I30334, AL137530, AF200464, AF026124, I09499, U62966, E12747, AC004883, A18777, A08908, AF106697, AW444966, AR048216, U25725, I81218, U19769, I35495, U30872</p>
791	HLYA114	874909	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 626 of</p>	<p>AW006470, AI809971, AI005027, AI971424, AW015576, AI141772, AI140520, AA010174, AA010173, AI141581, AW024482, N26868, AW016555, AA553681, AA304914, N26867, AI139723, AA568551, AW072539, AI014473, AA828755, AA452572, AI344499, AA356159, AA978338, AA452752,</p>

			SEQ ID NO:791, b is an integer of 15 to 640, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:791, and where b is greater than or equal to a + 14.	AI280360, AA377550, AA410530, AI859135, X76670
792	HODFUI8	874912	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:792, b is an integer of 15 to 590, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:792, and where b is greater than or equal to a + 14.	AC005921
793	HTXCZ25	874914	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 445 of SEQ ID NO:793, b is an integer of 15 to 459, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:793, and where b is greater than or equal to a + 14.	AI634846
794	HWDAU63	874917	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1650 of	AA707319, AI984804, AW439331, AI692489, W95024, AA134968, AI168588, AW167913, AI468003, AW449269, AW167911, AI201953, AI420291, AA699428, AI810666, AI567799, AI739319, AA916635, AI304435, AA680283, N74060, AA149660, AW169395, AI018710, AI801753, AA133567,

			SEQ ID NO:794, b is an integer of 15 to 1664, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:794, and where b is greater than or equal to a + 14.	AA994034, AW248024, H83277, H51676, AA469069, AI247811, AW016006, AA904566, AA135049, AA337173, AI032568, H51090, AI364225, AI498396, AA337867, AI916393, AA007645, AI669871, AI191539, AA506356, AW247677, H83276, AI874026, AA007620, AA328273, AA372861, AA151875, AA911951, X97302, AC004477, X97298
795	HWHHG74	874924	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1915 of SEQ ID NO:795, b is an integer of 15 to 1929, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:795, and where b is greater than or equal to a + 14.	AI670876, AI796528, AI458102, AA314165, AI743397, AA411006, AA307551, N42572, AW024150, AA888101, AA910251, AI653810, AA916542, AI673757, AA112396, AI309001, AI949161, W52827, AI307395, AI796361, AW205660, AA419531, N31842, AA502954, AA299577, AI129087, AA190345, AI269376, AA659084, AA190344, AA112395, AI369480, AW080195, AW024474, AI174335, AI280115, AI382520, AI942373, AA865803, X63507, DI1330, X99685
796	HWLIE53	874925	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 449 of SEQ ID NO:796, b is an integer of 15 to 463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:796, and where b is greater than or equal to a + 14.	
797	HWLLR30	874926	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AI738580, AW272649, AI821214, AA858341, AA308610, AI732197, AA936503, AI807048, AA568897, AI911156, AA470673, AI915116, AW009320, AA527480, AW182922, T24589, AC005895, UI5212, U51095

798	HLICA86	874927	<p>is any integer between 1 to 1055 of SEQ ID NO:797, b is an integer of 15 to 1069, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:797, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 855 of SEQ ID NO:798, b is an integer of 15 to 869, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:798, and where b is greater than or equal to a + 14.</p>	<p>AW410590, AW276747, AA507009, AI439654, AW029229, AI393401, AI433913, R60873, AW390652, N66981, H11940, C20715, AI138586, AJ243247, T54259, T54366, AI932865, AI432638, AI834273, AI918642, AI422665, AA872991, AA564642, AL049869, AL031728, AF109907, AC004841, AL035695, AC005914, AC005015, AC005531, AP000030, AL109623, AC004491, AC004659, AC005529, AC005189, AC003109, AC007192, AC005694, AC004216, AC005778, AC002470, AC003101, AL034429, U91323, AC005527, AC002350, AC003003, AL021154, AC004144, AC007308, AC005288, Z99128, AL031602, AP000212, AP000134, AC005837, AC007363, AL034554, U91318, AL031680, AC004263, AL022316, AC007688, AF196969, AL049874</p>
799	HDPTI77	874928	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:799, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:799, and where b is greater than or equal to a + 14.</p>	<p>AI798951, N45308, AI589356, AW080698, AA984122, AI475892, AI961689, AA552143, AI274347, AI365643, AI280847, AI024392, AI142759, AI699094, H19963, AW205803, AW207660, H19964, AA948497, AA813032, AW139889, AA025631, N54758, AW139887, AI081799, AI431413, Z44192, AW087258, AI202988, AI654604, AI739088, T55519, AW388380, AL079563</p>
800	HWBDT18	874929	<p>Preferably excluded from the present invention are one or more</p>	<p>AW444696, AI719301, AA832074, AI685148, AI336897, AI913393, AI738434, Z99419, W44411,</p>

801	HWLMV6 2		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1398 of SEQ ID NO:800, b is an integer of 15 to 1412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:800, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 595 of SEQ ID NO:801, b is an integer of 15 to 609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:801, and where b is greater than or equal to a + 14.</p>	<p>AW193034, AA694024, AA825655, AI221589, AI203245, N67470, AI927254, AI700836, AA993958, Z99418, AI862355, AI191028, AA730013, T23508, AW003365, AA058570, AI648383, AA879261, AA815061, AW137773, W69765, N52763, AA244319, AW444700, T67685, W45673, AL117608, AL117545</p> <p>AI718277, AI806204, AI922705, AA134958, AW189584, AW152541, AA911194, AA099689, H26598, AI523349, AI783469, C06405, AA856931, AW050657, AA650629, AA075317, AI535926, AC007750, I50896</p>
802	H2MAC06	874931	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 946 of SEQ ID NO:802, b is an integer of 15 to 960, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:802, and where b is greater than or equal to a + 14.</p>	<p>AA837575, AI750047, AI762213, AA528093, AI749649, AA514773, AA514789, AA421943, AA167440, AI708618, AA400973, AI474120, AA514874, AI283967, AA587027, AA167783, AA642930, AA878029, AW193324, AA857522, AI284506, AA164459, AA164458, AA838234, AA169874, W38398, AW276087, AW264913, AA148194, AA308126, AA148193, AA169614, AI669077, AA074902, AA079651, AW190644, AI306666, AA167439, AA857853, AA074845, AI199258, AA535642, AI826800, AA166792, AA074727, AA421944, AA165663, AA075896, AW265060, AA076140, AI626104, AA076188, AI541032, AA837890, N27757, AA102361, AA165649, AA100735,</p>

	AA524360, AI833071, AA593897, AI680515, AA573267, AA401137, AI675895, AA079557, AA506601, AW272215, AA076566, AA837854, AA515574, N79823, AA169569, AW364597, U47734, AA173827, AW150580, AA299459, AA298668, AI810491, AA076565, AI940001, AW062899, AW062852, AW062884, AA366738, AI797418, AA298242, AI939989, AW352267, AA503624, AW062699, AI559933, AI749194, AI866124, AA172395, AI697412, AI473481, AA502597, AA329732, AW270590, AW000856, AA471032, AA494293, AI695633, AA508677, AW176400, AA321220, AA165627, AW176422, AA564033, AW085635, T11089, AA076046, C14389, C14407, D80949, D80168, D59695, AI557751, D52291, AI535686, C14298, D59627, D51079, D81111, D51213, D80064, AW352172, C14227, AW360780, AA305578, D80290, D80268, D59503, AI557774, C06015, AA164975, D58246, T11417, D58101, D80258, D45273, AA612667, AW377661, AA809122, D51022, D80248, D81026, AW377669, AA514188, D80014, D80195, T03048, Z21582, C14077, C16955, D80302, F13647, D80522, D80045, D80228, C14331, D59484, D52059, T02974, D80269, N66429, D80166, D80212, D80038, AA514186, D59502, D57483, D59889, D80219, C05695, D80196, D80188, D50979, D80227, D80366, D59619, D80210, D80240, D80193, D58283, D80391, AI535961, D80022, D51423, D51799, D80253, D80043, D50995, D80439, Z33452, D81030, D59859, D59610, D59373, D59275, C14344, D59927, AA514184, C15076, D80164, D80247, X99133, X83006, AR014298, S75256, AR014294, AR016808, AR018138, AB010386, A84916, A62298, I82448, A82595, A62300, X64588, U37689, AF058696, AR008278, AB028859, I81198, I82446, AJ132110, AB019242, AR060385, A47134, AR008277,

803	HTNAL08	874932	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 694 of SEQ ID NO:803, b is an integer of 15 to 708, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:803, and where b is greater than or equal to a + 14.	AR008281, I14842, AB002449, I79511, AR054175, AR060382, X72378 AI651652, AA384468
804	HQCQAM40	874933	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:804, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:804, and where b is greater than or equal to a + 14.	AI027215
805	HWLQA72	874934	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 670 of SEQ ID NO:805, b is an integer of 15 to 684, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI650930, AI924794, AA505423, AI375468, AA547973, R12383, N33900, R96383, T80743, AW390137, AI264046, AI292085, AC008122

806	H2LAD85	874936	<p>NO:805, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1190 of SEQ ID NO:806, b is an integer of 15 to 1204, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:806, and where b is greater than or equal to a + 14.</p>	<p>AA313904, AA689381, W19916, AA902197, AA393734, N23500, AI890459, N56616, AW051533, N24997, W16484, H52633, AW022071, W25461, N41885, H53294, AA313388, W42529, N79351, T75271, W61213, F12959, AA993879, AL079496, AA084004, AA133565, T95141, T70377, N79169, R99979, T27956, AA588631, R24993, R08786, AA687406, N53211, AI001088, AI337572, AI027335, AA553960, AA923044, AA989228, AA810405, AA906035, AI143828, N47413, AI948420, W93532, AI189230, AI039643, W94199, AI148327, W94196, W93533, AA927653, AI356713, AI080553, AA055950, H52606, N78077, AI083913, R99983, AW179332, AW360811, T03269, D50979, AW377671, AW177440, D80522, C14389, D59275, AW178893, AA305409, D80439, AA305578, D58283, D59859, D80022, C14331, D80166, D80195, D59467, D51423, D59619, D80247, D80210, D51799, D80391, D80164, D80240, D80253, D80038, D80043, D59787, D80227, D59502, AW375405, D81030, D81026, D80269, C14014, D80212, D80268, D80366, D80196, D80188, D51022, D80219, D50995, D59927, AW378528, C15076, D57483, D59889, D80193, D80133, D80045, AW366296, AW178906, AW360817, D80157, AW179328, AW179020, T48593, AW375406, AW377676, AW378534, AW352171, AW377672, AW179023, AW178905, AW177731, AW178762, AW178754, AW179019, AW179024, AW378532, D80251, AW352117, AW360834, AW177456, C06015, AW352170, D51250, AW178986, AW178907, AW178908, AW179018, AI525923, AW367950, AW178914, AW178774, AW178781, AW378543, AW378540, D45260, AW179013, T03116, AW378533, AW378539, C03092, AW378525, AW352163, H67854, AA809122, H67866, T11417, X63469,</p>
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807	HFKHN59	874937	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1313 of SEQ ID NO:807, b is an integer of 15 to 1327, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:807, and where b is greater than or equal to a + 14.</p>	<p>S67861, AB028859, AJ132110, A84916, A62300, A62298, A82595, AR018138, AR008278, AF058696, I50126, I50132, I50128, I50133, AR060385, AB002449, AR016514, X67155, AR060138, A45456, Y09669, Y17188, A94995, D26022, A26615, AR052274, Y12724, A25909, AR066488, A67220, D89785, A78862, D34614, AR008443, A43192, A43190, AR038669, AR066487, A30438, Y17187, D88547, A63261, D50010, X82626, AR062872, A70867, I14842, AR054175, AR025207, AR016691, AR016690, U46128, AR008408, A64136, A68321, AR008277, AR008281, D13509, AR060133, X68127</p>
808	HWLRB64	874938	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 671 of SEQ ID NO:808, b is an integer of 15 to 685, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:808, and where b is greater than or equal to a + 14.</p>	<p>AI921873, AA481200, AI304320, AI768165, AI379094, AA191002, AI334404, AI340330, AW009506, AW130057, AI378231, AI082016, AA609439, AI088167, AI568962, AI142785, AI935098, AI703118, AI082313, N33943, AI348241, AA191127, AI122896, AI281199, AI183348, AI074860, AA983647, AI340116, D20063, AA719027, H40196, AW024926, R66805, AA204702, D81776, AA377679, AI351943, AW367991, AA937537, H83669, AA810664, AI381182, H40158, Z40776, N98634, AI264512, AA933618, AI076753, Z45043, N49654, AI547252, AI572332, N79414, AC006011</p>

809	HWLQB30	874939	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 843 of SEQ ID NO:809, b is an integer of 15 to 857, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:809, and where b is greater than or equal to a + 14.</p>	<p>AI871466, AI671845, AA195528, AA195413, AA495931, AI560767, AI379998, AI991515, AA973558, W02507, AI335857, AA576833, AA495932, AW297435, AI742592, AI824908, AI913877, AI819330, H62123, W25679, H61406, AW148964, AA573067, AA584360, AW404543, AA428270, N68677, AW025064, AI468971, AA578326, AA493546, AA214316, AA227802, AA330435, AI609984, AA568263, AL043095, AI433952, AA551062, AA715277, AW085751, T57562, AW192419, T62614, AA845690, AA524604, AA320642, AL046110, AA577706, AW072006, H77764, AW087537, AL042667, AL042670, AW057760, AA525807, AI610012, AA507745, AI609974, AA555232, AI267285, AI133609, AL134700, AA063419, AA147397, AI791659, AA515610, F08198, AA747491, AI547110, AA811451, AA768079, AW410409, AI927275, AA730872, T40342, R91049, H65404, AA679946, AL037653, AI986101, AA484321, AI003626, W02370, AI754926, AA515329, R21287, AL043285, AA021404, Z82201, AC006013, Z79488, AC003101, AL035454, AL033525, AC005074, AC004526, AL022237, U16300, Z83840, Z95115, AC004477, AC004792, AC006965, AC005856, AC005726, AL035659, AC002477, AC002504, AC004843, AL049613, AB004907, AC005257, AC009248, AC005206, AC005667, AL121580, AC005409, AL132992, AP000228, AC004066, AC005616, AC007845, AC000115, AP000140, AC005740, AL049843, AC005669, AF043233, U21936, AF154836, AC005303, AC005994, AC004893, AL035405, AC007021, AC000111, AC004921, AP000088, AC007226, AL023880, AL021392, AL135783, AC006101, AC004242, AC004985, AC001231, AC005755, AL049794, AF124523, AC002040, AC006251, U66062, AC000007, AF060911, AC005230, AL035690, AC007066,</p>
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				AC004033, AC005331, Z82190, AL050333, AL049636, AC005082, AL031667, Z83844, AC005874, AF134471, AL031602, AC003074, AL035552, AC006026, Z84466, AL117258, AC007227, AC003007, U80459, AL031846, AC000084, AF081795, AC005907, AC002306, AC004897, AL078593, AC005670, AL008723, AL049778, AC016025, AF023268, AL031427, AC005730, AC005971, AC004509, AL031255, AL049631, AL022316, AL020997, Z99128, AC002433, AC006064, U50871, AC002454, AF207550, Z97184, AC010205, AC008038, AC004662, Z97206, AC006211, AL049576, AC005696, Z97632, AC005520, AC004447, AL031775, AF165926, AC005368, AL035468, AC003004, AC004623, AL008632, AC006547, AP000511, AC006511, AL117340, AC005175, AP000555, AC007487, AC003110, AC000075, AC005828, AL136295, AC003682, AC005839, AL035460, AC004231, AC003038, AL050347, AC003969, AL132987, AC006536, AC002126, Z97630, AL009183, AR007118, AC007229, AL031058, AC006130, AC005663, AC002554, L42087, AL049777, AC004025, M81890, AF051976, AC007790, AF083655, U73634, AC002077, AC004611, AC004041, AP000065, AP000201, AC003042, AF124731, AC004968, AB023050, AP000097, AC005084, AL049775, AC005046, AL109809, AB006445, AF001552, AC005562, AC006261, AC005697, AC004699, AL035700, AL035400, AP000521, AL050308, AC007934, AL109952, Z95113, AC000118, AC005664, AC006162, AL049795, AF001550, AL050321, AL031291, AL034548, AC007919, L78810, AC005370, AC005358, AC004601, AP000688, AF001548, AC004496, AC004645, AC005049, AC005944, AC005058, AC006950, AC007676, AC005412, AC005004, AL008718, AC004000 T84952
810	HWLRS70	874944	Preferably excluded from the	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 277 of SEQ ID NO:810, b is an integer of 15 to 291, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:810, and where b is greater than or equal to a + 14.	
811	HWLR068	874946	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 951 of SEQ ID NO:811, b is an integer of 15 to 965, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:811, and where b is greater than or equal to a + 14.	AA134522, AA307072, AW062968, Z82216
812	HDLAZ62	874951	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1547 of SEQ ID NO:812, b is an integer of 15 to 1561, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:812, and where b is greater than or equal to a + 14.	AW299730, AI479289, AA702805, AA128305, AI566742, AW192551, AW299787, AI459679, AI983099, AI679576, AI889230, AI399741, AA707181, AI478838, AI004255, AI028106, AI078326, AW299399, AW168845, AI680013, AI687323, AI805808, AI624570, AI193114, AA846943, AI476388, AI554160, AW193492, AI860582, AI088396, W31638, AA845559, AA862493, AA515889, AA127031, AI061081, AA126669, AA985263, AI650916, WI5544, AA953324, AA525911, W42789, AI679592, AI187008, R76873, AA505452, AA004794, R99397, AI076257, AI640475, AW242583, AI589312, AI924475, AI245398, AW166735,

813	HCRPS91	874957	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 927 of SEQ ID NO:813, b is an integer of 15 to 941, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:813, and where b is greater than or equal to a + 14.</p>	<p>AI923561, H63003, AI879857, W42882, H00775, AA643547, AL047591, AA630199, AA370509, N68638, AA610614, AI889586, AI061082, H16903, H16793, AI089598, AI365007, AI632050, AI565433, R93003, AI873642, H56447, AA370320, T72401, AI935347, AI861861, AA371253, AI185613, AI565888, AA344469, AI275678, AA370319, D78808, R10966, AA005044, R58143, AI969207, AL047590, AA937865</p> <p>AI140748, AI436268, AI268329, AI081898, AI091086, AI768457, AW270940, AI037982, AI086419, AI041728, AI225119, AI091794, N94709, AA398844, N29912, AA435853, AI948979, AA455739, AI203758, AI263779, AI146500, N63448, AI521536, AL134542, AL119355, A81671</p>
814	HUVFU42	874958	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3678 of SEQ ID NO:814, b is an integer of 15 to 3692, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:814, and where b is greater than or equal to a + 14.</p>	<p>AI815192, AI871597, AI924063, AW118638, AI651599, AI948612, AI445919, AI800981, AW151840, AI680400, AI346825, AI703149, AW337348, AI798582, AI583944, AW081121, AA905693, AA452482, AW365934, AI702971, W07423, AI021980, AA431908, AI018616, AI573080, AW073915, AA401069, AI677958, AI631163, AI401226, AI654388, AA443744, AI499641, AL039125, AA805196, AW04592, AI762590, AI094986, AA77241, AI222728, AW337273, AA987866, AI859056, AA909298, AA480196, AW009056, AI693828, AI285053, AI346854, AI694042, AA677363, AI076247, AW339620, AW191903, AA627929, AW242089, AA760806, AA401135, AI146552, AI089590, AW338249, AI469779, AI423414, AI268822, AI921359,</p>

	AI739374, AI343926, AI298969, AI219853, AI458220, AI961670, AI458271, AI761522, AW081629, AI694551, AA731544, AI654905, AW015400, AI474480, AA410622, W79206, AI632961, AA037869, AA151234, AI912767, W01469, AA557541, AA055499, W81328, AI536151, W78163, AI347767, AI079703, AA598704, AI140511, AA151235, N99244, AI636343, AI125306, AA054964, AA961018, AI304763, AA449339, AA533200, AW272847, AI866980, W81329, AA159320, AI587436, AI445795, AW152595, AI807730, AA928999, AW192175, AA055500, AI270626, AA296070, AL047460, AI299263, AI357497, AI051303, AA610459, N71284, AA573373, AA449596, AI424139, AI500427, R87565, AA062906, AI380967, H25317, AI304314, AI220037, AI223196, T68015, H52670, AA334272, W19687, T40960, N73730, AA904183, AI359433, R88290, AI446565, AA377114, AI621305, AW294279, AA782270, AW177746, AI280597, AA035720, H96235, C17439, R18416, AA370113, T68159, H25280, AW177724, AA343735, N90033, AI925799, T65301, H29776, AW177761, C18322, AW177729, N81082, AA602180, R42479, AA740926, AI566629, AI214694, AA342091, AA483635, AA834390, T27628, AW166730, AW268228, AA297206, AA630503, T66062, AA040935, AA366343, AW177726, AW169430, AW177711, F09803, T40037, AA295015, R25353, T94699, AA332630, H29777, D82697, AA235682, D82708, AW196082, F03396, AI825865, AI572754, AA370695, W03901, AI816591, T27365, D52341, AW299485, AI535812, AI420999, R26543, AA476794, N95783, D55624, F09809, F05771, F07118, AA443697, AA923572, D82645, D82699, AW177713, D55452, W21088, AA040934, H52671, H96769, W24897, AA092913, N58108, D82696, AI147279, H15856, H15859, D20617, AP001041, J04102, AF017257, X55181,

815	HDTAC50	874962	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1413 of SEQ ID NO:815, b is an integer of 15 to 1427, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:815, and where b is greater than or equal to a + 14.</p>	<p>AF057716, J04103, AP001040, X07202, M11922, X55373, M30137, AF053637</p> <p>AI950924, AA642196, AI080485, AI478751, AA826349, AI609117, AI956163, AW247487, AA877922, AI554307, AI811132, AI683584, AW439653, AW188385, AW440251, AI587348, AI872291, AA643336, AA829451, AW166828, AW273286, AA640940, AI951029, AI499331, AI719446, AW167280, AA857475, AW189169, AW338306, AW190062, AI701090, AW167363, AI625657, AA192298, AI885602, AA989458, AI951044, AA404740, AI590386, AI923592, AA654341, AI800385, AW081623, AI905436, AW245053, AA946942, AA664179, AA622218, AA621814, AA314409, AI911814, AA548371, AI887275, AA885759, AI678664, AA579768, AI160630, AI862999, AA622236, AW438827, AA613571, AA044589, AI905508, AA847530, AW328703, AI905507, AA404622, AA586737, AA115673, AA313655, AI653644, AA420595, AI381559, AI570293, AI538968, AI858693, AA204792, AA307774, AI690564, AA429358, AA428822, AI458804, AA826641, AI690516, AA429267, AA602877, AA552682, AW193316, AA640574, AI074397, AI627914, AI678740, AI289526, AI887213, AA420528, AI288272, AA577562, AA131105, AA315060, AA946716, AI884360, AI887604, AW247812, AW246052, AW247350, AI445012, AI888499, AI811027, AI887331, AA115613, AA838320, AA838791, AI610499, AA315942, AA610501, AI863020, AW241693, AA873061, AI446571, AI471290, AA837881, AA642931, AA587749, AA160618, AA314440, AA858181, AA420596, AI798293, AI690482, AI298807, AW245682, AA554027, AA978070, AA316886, AI198521, AI659658,</p>
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	AI758795, AI081837, AA130711, AA134072, AI537976, AA156469, AA130774, W45228, AI128855, AI431647, AI372012, AW182496, AA702833, AA115797, AW192168, AI567082, AA313433, AI355039, AA902819, AA307891, AA152041, AA954854, AA508843, AA315702, AI832207, AA075474, AI335645, AA428664, AA053587, AA313656, AA932530, AA160929, AA102231, AI579911, AI699052, AA553886, AA100702, AI129410, AW270116, AI358479, AA316210, AA007468, AA307393, AA115796, AI539743, AA826722, AA132800, AA164542, AA947155, AA224983, AA313627, AA152469, AA133627, AA075986, AA196273, AA132687, AW117645, AA640611, AA738107, AA053376, AA131161, AI352582, AI355111, AA534019, AW250998, AA827038, AA132233, AA857172, AA079300, AA134071, AA631699, AA088444, AW058218, AA314216, AA146738, AA654016, AA079346, AI290014, AI363723, AA134344, AA056424, AA316488, AI539063, AA434255, AA099895, AA642621, AA857786, AI613424, AI689077, T69467, AA132847, AA551537, AA156087, AI917998, AA526936, AA232405, AA134436, AA053143, AA131904, AA151713, AA308958, AI355780, T53412, AA534245, AA908735, AA130985, AA169563, AA627722, AA099374, AA707152, AA976426, AA132737, AA577558, AA129168, M26326, X12881, X12883, M26325, AL031685, M11686, M36376, AC006030, AL031585, AC004943, AL022333, AC008040, M24842, AC004033, AC005500, AC007731, Z84476, AL022068, AC002094, Z84488, AL031903, AC000094, AL049557, AL133249, AL121652, X12876, AL034348, AL035088, X81448, L32537, AL031119, D16975, U16815, D17142, T49424, T53358, T53411, T53426, T53774, T66002, T69875, T70521, T71454,

816	HWLWO0 6	874965	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:816, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:816, and where b is greater than or equal to a + 14.</p>	<p>T91620, T91638, T75022, H04036, R98427, H67647, W40311, AA053609, AA053751, AA054246, AA055754, AA056373, AA070385, AA078748, AA079106, AA078998, AA079224, AA079272, AA079299, AA079301, AA079441, AA099924, AA099932, AA102143, AA102230, AA100661, AA101459, AA122380, AA121217, AA121598, AA126099, AA128232, AA129167, AA133673, AA134250, AA130336, AA134343, AA134426, AA130795, AA130942, AA132593, AA132780, AA146646, AA146737, AA147136, AA152468, AA152053, AA155704, AA158964, AA159256, AA165084, AA172216, AA173642, AA192395, AA196123, AA196124, AA232597, AA578009, N83382, N84687, N85451, N85530, N88625, C17207, AA095459, AA247762, AA248680, AA634585, AA775145, T11032, AA148858, AW392670, AL119457, Z99396, AL119324, AW372827, AL119484, AL119319, AL119391, AW363220, AW384394, U46351, AL119355, AL119363, AL119497, AL037205, AL119522, AL119341, AL119483, AL119443, U46349, AL119439, AL119401, U46350, U46347, AL119418, U46341, AL119396, AL134525, AL119335, AL119444, AL119496, AL119399, AL042544, AL134536, U46346, AL043019, AL134533, AL043035, AL042614, AI142132, AL042984, AL042965, AL042975, AL134902, AL134538, U46345, AL042450, AL042542, AL134530, AL134519, AL043029, AL043003, AL042551, AL119464, AR066494, AR060234, A81671, AR054110, AB026436, AR069079</p>
817	HWLWP88	874970	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 361 of</p>	<p>AA127950, AA861271, AW149008, AA694087, AA694410, AA490237, R91259</p>

818	HWLHWI 9	874972	<p>SEQ ID NO:817, b is an integer of 15 to 375, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:817, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1202 of SEQ ID NO:818, b is an integer of 15 to 1216, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:818, and where b is greater than or equal to a + 14.</p>	<p>AI521515, AW007430, AI583392, AA582844, AI446296, AI631292, AW008277, AW338183, AW130700, AI570875, AI610606, AA552696, AI740591, AI610189, AI214229, AI888885, AA715547, AA620385, AA315896, AI433937, AW008101, AW027816, AI346268, AI469394, AA936226, AI144349, AI278723, AA810391, AA315881, AI075026, AI274190, AI720812, AI304499, AW338763, AI819098, AW006673, AA745022, AI582486, AA730313, AI132642, AI358488, AA484064, AI886151, AA649280, AI803746, AW372991, AW372996, AW372997, AW028923, AA484878, AA715142, AA045699, AI682833, AW362691, AW362695, AW362733, AA576885, AI581761, AI918095, AA581843, AW006056, AI572709, AI347151, AA377007, AI431997, U47732, AA135215, AI027644, AI867535, AW363859, AI682856, AA135381, AI581943, AA515581, AI199246, AI590034, AI971090, AI597663, AA730839, AI186415, AI658616, T27588, AA146692, AI735766, AA746669, D25725, AW362673, AI868934, AI919583, AA146691, T10932, AA483386, AA515977, AI873184, AA045698, M35252</p> <p>AW374058, AW374043, W84439, H98077, AA725816, W52869, AI926580, AI185775, AI360440, AI969941, AI718705, AA968470, AW002091, AW008856, AA047544, W67220, W91966, W52870, N47740, AA862294, W67288, AI610753, AA111874, AA471020, AA723203, D80637, W68493, AA625752, AL044614, H77377, H77376, AA745928, W25004, W69103,</p>
819	HNTAI83	874973	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1290 of SEQ ID NO:819, b is an integer of</p>	

820	HWLWS24	874974	15 to 1304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:819, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 980 of SEQ ID NO:820, b is an integer of 15 to 994, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:820, and where b is greater than or equal to a + 14.	AI127139, AA953939, AA908426, AA743114, W68358, AI913850, AI800072, AA535740, AI417080, N50135, AI439293, AI370639, W69102, AI277179, AI436715, AA883338, AA469058, N92824, AI200997, AA381324, AL044613, W94913, AI567418, AA328028, T81345, AI268678, T81520, AA973639, AA662178, AA662216 AI650267, AI660992, AW450250, AI492051, AA557521, AW292631, AI830321, AI762011, F37656, AC004080, AF032095
821	HWLWP62	874975	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:821, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:821, and where b is greater than or equal to a + 14.	AA627098
822	HOENV16	874976	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 782 of	AW006474, AI085578, AI671277, AI240723, D59927, D58283, D81030, D59619, D80210, D80240, D80195, D51423, D80219, D51799, D80253, D80188, D80391, D80212, D80227, D80196, D80193, D80043, D80038, D80366, D59889, D59467, D80022, D80045, C15076, D80166, D59275, F13647, T03269, C75259, C14014,

<p>SEQ ID NO:822, b is an integer of 15 to 796, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:822, and where b is greater than or equal to a + 14.</p>	<p>D80378, D50995, D80134, D59610, D59502, C14429, D80241, D81026, D59859, D51250, D80164, D80949, D80269, D80268, D59787, D57483, D80168, D58253, C14227, D80024, D50979, D81111, C14331, D59695, AA285331, C14298, AI910186, C14389, D80522, D51060, AW178893, AA305409, AI557751, D51079, T11051, T11417, AW177440, AW179328, AW178775, D51022, D80014, AW378532, AW369651, Z21582, AI905856, AW352158, AW377671, D51097, AA305578, D80251, D80248, D80133, AW178762, D52291, AW177501, AW177511, D51213, D80064, D80247, AW360834, D59627, AA514188, C05695, AA514186, AW360811, AW352117, T02974, AW176467, AW378540, AW375405, AW366296, AW360844, AW360817, AW375406, AW378534, D80132, AW179332, AW377672, AW179023, AW178905, AW179220, D58101, AA815045, D80302, AA809122, D80439, AW378539, AW352171, AW377676, AW178906, AW352170, AW177731, AW178907, AW179019, AW179024, AW352163, AW177505, AW360841, AW179020, AW178909, AW177456, C06015, AW179329, D80258, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, T03116, AW352174, D80157, AW179004, AW178914, AW378525, D58246, AW367967, D51103, AW177728, D51759, AW178774, A62298, A62300, X67155, Y17188, A67220, A84916, A25909, D26022, D34614, X68127, AR025207, AJ132110, A78862, D89785, AR018138, AR064240, D88547, A85396, AB012117, AR066482, A85477, A86792, X82626, U87250, AF135125, I19525, X93549, AF058696, A30438, AR008278, A82595, A44171, A45456, AB028859, Y12724, A94995, AR008443, AB002449, Y17187, AR060385, U79457, S69292, I50126, I50132, I50128, I50133, AR066488, AR016514, A43601, U46128, AR060138, Y09669, A26615, AR052274, I18371, X89963, AR016691, AR016690,</p>

823	HCRPM57	874977	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 489 of SEQ ID NO:823, b is an integer of 15 to 503, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:823, and where b is greater than or equal to a + 14.</p>	<p>AR008277, AR008281, AC002324, A43190, AR066487, A43192, AR038669, AR066490, AC005553, AR023705, D88507, I18367, D50010, S78798, AR051191, AB033111, I14842, AC005992, AR054175</p> <p>AA825497, AI949225, AI887208, AI859408, AI039943, AI815044, AW173402, AI091417, AA973272, AI983724, AW085235, AA975595, AI955440, Z41491, AI701704, R37093, AI382320, F04902, F01893, AI370501, D51766, D51963, D51659, AI025786, AI359043, AI421512, D51907, AW078803, R01185, AA639573, AI920903, AW338398, AI762115, AA627807, F04223, F04224, AI220947, AA706251, T25385</p>
824	HWLQT35	874978	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:824, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:824, and where b is greater than or equal to a + 14.</p>	<p>AI356048, W68208, AA428201, T24766, AI024874, AI024852, AW392670, AL119324, AL119457, Z99396, AW372827, AW363220, AW384394, U46349, AL119355, AL119363, AL119319, AL119483, U46351, AL119443, AL134902, AL134536, AL119341, AL119484, AL119391, AL119335, AL119444, AL119497, AL134920, U46341, AL042984, AL042433, AI142131, AL042975, U46350, U46347, AL119464, AL119418, AL119401, AL134527, AL119522, AL042614, AL042965, AL037205, U46346, AL119396, AL119496, U46345, AL042551, AR066494, AR060234, A81671, AR054110, AB026436</p>
825	HTWBQ51	874979	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 951 of SEQ ID NO:825, b is an integer of 15 to 965, where both a and b</p>	<p>AI823763, AA779670, AI818564, AA206016, N71243, AI913349, AI383954, AA989089, AA846832, AA421016, AA406475, N22202, AI016536, W80789, N23413, AA406515, AA406338, AA813757, Z39308, W80896, H05006, H06839, F02715, AA406380, N35200, T17418, F03202, F02873, R50799, R39953, R33488, AW080748, R40705, AI700034, AA121683, R02175, AC007159</p>

826	HWLWS65	874980	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:825, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 440 of SEQ ID NO:826, b is an integer of 15 to 454, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:826, and where b is greater than or equal to a + 14.</p>	<p>AI275140, AI080170, AA872000, AA625899, AA921707, AI336614, AI041296, AA884341, C02010</p>
827	HCRQC24	874981	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 740 of SEQ ID NO:827, b is an integer of 15 to 754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:827, and where b is greater than or equal to a + 14.</p>	<p>T78662, H19164, AA417995, AA476744, AA450244, AA418054, Z99396, AW392670, AW363220, AW384394, AL119457, AW372827, AL119355, AL119324, U46350, AL119497, AL119319, AL119341, AL119484, AL119363, AL119391, AL119443, U46351, U46349, AL036418, AL038837, AL119483, U46341, AL119522, AL119396, AL037051, AL119335, AL036725, AA631969, AL119496, AL119418, AL042433, U46347, AL119444, AL036858, U46346, AL037205, AL119401, AL134902, AL042614, AL119439, AL134528, U46345, AL042450, AL042965, AL042975, AL134533, AL119399, AL039074, AL036924, AL042984, AL134525, AL134536, AL134538, AL042970, AL042551, AI142131, AL042542, AL042544, AL043033, AL043019, AL038509, AL043029, AL119488, AL037085, AL037094, AL037526, AL043003, AL036196, AL037639, AL036190, AL119464, AL037082, AL036767, AL038520, AL037077, AL036774, AL036268, AL036651, AL038447, AL036998, AL038851, AL036733,</p>

828	HTFNMII	874983	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1423 of SEQ ID NO:828, b is an integer of 15 to 1437, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:828, and where b is greater than or equal to a + 14.</p>	AL037027, AL036679, AL037615, AL036191, AC006322, A81671, AR060234, AR066494, AR023813, AR064707, AR054110, AB026436, AR069079 AW074187, AA669462, AI917911, AW103106, AI355835, AW103377, AW340863, AI559161, AI479340, AW129494, AW148988, AW167281, AW269709, AW261980, AW087962, AI908429, AI923895, AI354339, AI927751, AW089825, AI744249, AW168120, AA868807, AI814764, AI985223, AW151176, AW273772, AA573808, AW029250, AI687458, AW084593, AW152335, AW268696, AW304937, AI635632, AW026080, AA577099, AI554825, AI670005, AI669620, AL046634, AI961413, AI538283, AW150201, AW190158, AW150248, AI457126, AW249579, AI908427, AW117983, AA810194, AW270751, AL036452, AA977560, AI124949, AI680216, AW247016, AA857352, AI982977, AW029202, AI559488, AW376460, AI954479, AI701913, AI632826, AW167333, AI248268, AI446794, AI446060, AW380204, AI349399, AA581982, AI682951, AI252802, AW440362, AW020045, AW008301, AI671051, AI289804, AA665980, AI568322, AW021675, AA173182, AW130142, AI026039, AI434635, AI911309, AI573003, AI446390, AA954930, AI984482, AI374618, AA181983, AI057274, AA179470, N21996, AA226708, AI278679, AI298496, AA446617, AI925510, AA974398, AI273198, AA226709, AA707299, AA121756, AA402954, AI921447, AI073691, AA768758, AI312203, AW392756, W45167, AW104776, AW392749, AA101668, AI359875, AA165148, AA101669, AW005848, AI952630, AI749014, AA643088, AW023539, AA829123, AI312505, AW385916, AW296777, AI307609, AA983206, AA187710, AI476692, AI340572, AA773607,
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AI475162, AI862249, AI312306, AA526422, AI611983, AA602967, AA565745, AI885883, AA471082, AA056505, AI538718, AA132397, AW250218, AI054028, AI379393, AA398033, AA595292, AA730329, AI539225, AI961507, H47741, AI054071, AI053691, AI907726, T28833, AI907725, AI144057, AA938221, AW195966, AA598758, AA157122, AI160159, T52342, T16507, R20669, AW438650, AI367522, AI371646, AW020791, AI950485, AA525282, AA657470, AA668967, AI886900, AA664947, AA541325, R91274, H65057, AI582554, AI283298, AI289745, AA309510, AA714959, AI719106, AA635306, AA641308, AW439909, AA605255, AI678467, AA593616, N86019, AI200644, AA130709, AA491783, AA778946, AA938342, AA978234, AA730906, AI690374, AA777101, AW361992, AI609456, AI968521, AA422054, AI926010, AA385014, AA760949, R99859, R35455, W44909, AW176675, R66482, AA385422, H29537, AA226711, AI687564, AI904680, AI288169, AW073614, T24019, AA357070, H88800, AW150916, AA464938, AA507259, AA582283, AW148930, AA056391, AA642952, AA621999, AA385393, AA382697, H02438, AA299620, AW089302, AA302011, AA730547, H99801, AI370435, AW270430, AI865172, AA595078, AA485837, AI864237, AA328541, R59743, X15187, Y09136, X76301, U01153, X04850, J03297, AF001631, X90848, AF087988, M29652, S69316, U72620, U95739, U68387, U01145, AF106862, U00763, AC007390, AJ238278, I89947, AL117435, Z82022, A08916, AF146568, A08910, A08909, AF061573, AL137550, AL110225, I03321, I48978, A08913, AF158248, AL078630, Y16645, S78214, AL050108, U35846, AL133560, AL080124, AF067728, AF177767, AF017437, AL049283, AL137560, I89931, AL049452, I49625, AL049466, U67958, AL137271,				
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				L31396, L31397, AL122110, AF090900, A08912, AF090901, AF090903, AL050116, AF104032, AF078844, AF097996, AF111851, AJ012755, AF113694, AF113019, I33392, AL137521, AF100931, AL133557, AF026124, A03736, AF061943, AL049314, AL117457, A77033, A77035, U42766, AF091084, AJ000937, A58524, A58523, AL050277, X82434, I26207, Y11254, AL133640, E02349, X72889, AL133075, AR011880, AF113690, AL133067, AL133080, AF087943, I48979, AL110221, AL133016, AF113013, AF113677, S68736, AL050149, AL050146, AL122093, X96540, AL137463, AL117583, AL137459, AF125948, AF177401, AF090896, AL133113, AF118094, A65340, A65341, AL050024, AJ242859, AL117460, X93495, AL133072, AF079765, AL049464, AL080060, AF090943, AL137557, X70685, AL137648, AF183393, AL137538, Z37987, AF182215, AF026816, U80742, AL050393, AL133565, AJ006417, M92439, AR038854, AF090934, AL049938, AL117585, AF113676, AL096744, E15569, AL050138, AL137480, Y11587, AF118070, AL110196, AL049430, AF113699, AL049382, I42402, AL137527, X65873, AL133606, AL122123, Y10655, AF119337, E03348, AL122049, AF113689, AL122050, X84990, A93350, E07108, AL137533, AL137294, AL137429, AF162270, AF017152, A12297, AL080159, AL080127, E08631, AL117440, AF113691, X63574, AB019565, AL049300, AF118064, AL137478, AF125949, AL117394, U91329, AL137292, AL110280, AL137283, I09360, AL133093, AF118090, AR059958, AL122098, Y09972, AL080137, AL050092, AL122121, X98834, AC002287, E07361, A93016, AF111112, L19437, AR000496, U39656, AL122111, L30117, Y14314, AL133077, AL133014, T52415, H29629, H40251, H40252, H42866, H89024, H93634, N58661, W23630, W35220, W45470, AA243082, AA469426, AA542859, AA564057,

829	HFIUG95	874984	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 959 of SEQ ID NO:829, b is an integer of 15 to 973, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:829, and where b is greater than or equal to a + 14.</p>	<p>AA582806, AA631721, AA665064, AA804747, AA886009, AA879155, AA910665, C03238, AA642881, AA090857, AA485703, AA771820, T25411, T11007, D25940, D25930, T23921, F02372, AI270088, AI540420, AI540744, AI583046</p> <p>AI453137, AW340695, AA055348, R77985, AC007115</p>
830	HSRFC02	874985	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 800 of SEQ ID NO:830, b is an integer of 15 to 814, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:830, and where b is greater than or equal to a + 14.</p>	<p>AL047872, AA406422, AA058677, AA214136, R57531, AI798347, AA213958, D87466</p>
831	HCRPC43	874989	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 597 of SEQ ID NO:831, b is an integer of</p>	<p>AI290782, AI871066, AW137281, AA810408</p>

832	HMSPB24	874990	<p>15 to 611, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:831, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:832, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:832, and where b is greater than or equal to a + 14.</p>	<p>AW378532, D44721, AA558814, AI114719, AA587516, AA584862, D34614, AC004134, AC007686, AL031289, AL049874, AC004024, AL133353, AC007227, AC005089, AC004895, AC007114, AC003043, AC004019, AC006050, AL132777, AC002094, AL122020, AC005099, AC005972, Z98884, AC005696, AC007216, AC006160, AC000052, U52111, AC005412, AC003010, AL022328, AL024507, AL031650, AC005914, AC004859, L44140, AL034429, AL049776, AF196971, AC006538, AC004242, AC005365, AC005602, AF064861, Z93930, AC005578, AF053356, AL080317, AC005088, AC000025, AC002565, AC004685, AC005876, AC004132, AC003074, AL109628, AC006312, AC022517, U91323, AC004854, AC005785, AC007666, AR000113, AC005519, AC007386, AP000512, AP000252, AL109627, Z84466, AL080243, AC002312, AC004815, AC004929, Z98946, U95090, AF030453, AC005747, A28005, AL139054, AC007055, AC009336, AF001550, AL021155, AC005049</p> <p>N50355</p>
833	HWLW183	874991	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 422 of SEQ ID NO:833, b is an integer of 15 to 436, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:833, and where b is greater than or equal to a + 14.</p>	

834	HCQB118	874992	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1076 of SEQ ID NO:834, b is an integer of 15 to 1090, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:834, and where b is greater than or equal to a + 14.</p>	<p>AL045919, AA573761, AW188430, AI199276, AI828370, AA704757, AA536162, AI826890, AI889712, AI161261, AI926049, AI379842, AI582837, AI674148, AI300550, AW195939, AI272783, AW197994, AI567539, AA54159, AA171760, AA612729, AA172001, AA468860, T87025, AI308822, AI432499, AI864369, AL045918, AW166813, AI739207, AI286309, R83710, H57265, AA533033, AI497727, AW086291, AC009320, AF024533, AL031289, AC005520, AL022327, Z84497, AC003666, AL031774, AC005829, AC004638, AC002310, AC007216, AC006117, AC004526, AL022238, AL121603, AF205588, U95742, AL022240, U95740, AL117339, AC003101, AC007308, AC004841, AL020997</p>
835	HWMBE49	874993	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 946 of SEQ ID NO:835, b is an integer of 15 to 960, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:835, and where b is greater than or equal to a + 14.</p>	<p>AW242997, AW007803, AI446497, AW339160, AA025386, AW139969, AA043093, AA583505, AI362355, AW005585, AI904496, AA026030, AW362151, AI866565, AI571422, AI537761, E14566, E14558, E14559</p>
836	HCRPH59	874994	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 436 of SEQ ID NO:836, b is an integer of 15 to 450, where both a and b correspond to the positions of</p>	<p>N73791, AA812058, AA565733, AA290629, AI291317, D56402, AA515350, W18186, AI053786, AI758582, AA614010, AA292003, AA564561, AA857296, AI216054, R92404, AA862230, AA297968, AI864260, AI979005, AA663966, AW337454, AI433247, R91232, AI890385, AI859834, T06828, W23546, T90884, N55273, AA584603, AI865213, AA121919, AA774019, AI151407, AA557486, AA318014, AA063139, AA371857, T90696, AA837256, F27999, AI114477,</p>

			<p>nucleotide residues shown in SEQ ID NO:836, and where b is greater than or equal to a + 14.</p> <p>AA654262, AC006127, AC003101, AC006285, AC004841, AC005911, AL031670, AB023049, Z84466, AC005932, AL050307, AC008372, AC005546, U85195, AF001549, AE000658, AC005037, AC002425, AL035685, Y14768, AC005071, AC004125, AL096701, AC016025, AC005971, AC004526, AP000505, U07000, AL022322, AP000563, AL031846, Z93017, AL035683, AC006571, AC002378, AC005057, AL022476, U62293, AC002301, AC016027, AC005529, AC006251, AC005694, AC006210, AF129756, AC004675, AC004491, AL121653, AC005839, AL035659, AF030453, U47924, AC004382, AL021155, AC004834, AC005519, AC004217, AC006449, AF053356, AC004859, AC016830, AF047825, AC002400, AC005017, AC006132, AF088219, AC004216, AC002073, AC005088, AC004887, AP000350, AC007857, AC004815, AC003108, AP000689, AC007227, AC005081, AL035455, AL021707, Z95115, AC005412, AL031664, AC006509, AL031728, AC000035, AL034451, AC004821, AC002369, AC002477, AL109984, AC009516, AC004253, AL031311, AC005484, AC006965, AC002310, AL035072, AC022517, Z97053, AL022312, AL049872, AJ003147, AC002070, AC006271, AL132712, AL050318, AC005940, U82828, AL049829, AC005914, AC005015, AC005531, AF134726, AC002544, AC005225, AC005500, AC005069, AC005295, Z99716, AC005859, AP000512, AC005921, AC004106, AC005193, AC005695, AP001052, AL117354, AC002565, AP001053, AC004966, AC005231, AC005082, AP000688, AP000503, AL049759, AP000501, AC006511, AC007376, AC006241, AC004938, AC005520, AL109963, AC004602, AL034420, AC005003, AC003104, AC007041, AL031427, AD000092, AL034417, AC005331, AC008101, AC005832, AC002316, AC002558,</p>
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837	HCRPJ86	874995	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1130 of SEQ ID NO:837, b is an integer of 15 to 1144, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:837, and where b is greater than or equal to a + 14.</p>	<p>AL021453, U91326, AL031662, AL031597, AC004707, AC005829, AC005736, AC007055, AC004084, AC005821, AC005527, AC005280, AP000212, AP000134, AL133353, AL080243, Z97054, Z98884, AC005089, AC004882, Z95116, AF196969, AL035249, AC005479, AL139054, AC007263, AC002352, AC006211, AC002395, AC005875, AC004832, AL008726, AP000347, AL031447, Z84484, AC002996, D84394, R50086</p> <p>W20092, AA045214, AI677860, AI143214, AI636820, AA045249, AA491378, AA505146, AA255801, AA978262, R42858, AI221282, AA844031, AA535882, AA256694, AI625350, AI630082, AA913852, N90432, AL031297</p>
838	HCRPH30	874996	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 260 of SEQ ID NO:838, b is an integer of 15 to 274, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:838, and where b is greater than or equal to a + 14.</p>	<p>AI306705, AW169604, AI554821, AW083572, AI961589, AW002362, AI868204, AI612885, AA983883, AI687568, AI345688, AI538116, AI690748, AW078606, AW168503, AI702073, AI470674, AI916419, AW090550, AW193467, N98597, AI648508, AI540382, AI631216, AW090393, AW191844, AI766348, AI590043, AI345612, AI568060, AI670009, AI798608, AI345415, AI932949, AI433157, AI569583, AI866469, H89138, AI434134, AW084869, AI568855, AI758309, AI564765, AI345416, AW087199, AI862144, AI914736, AI690948, AA641818, AI352326, AW102989, AW024793, AI926143, AI470648, AI567612, AI636585, AI584130, AI799674, AI814087, AI619662, AI284035, AI289310,</p>

	AI799189, AA012905, AW152182, AL046466, AW162194, AI270707, AI633125, AI698391, AI538564, AI251221, AI811785, AI915291, AI826225, AW238688, AI475394, AI340982, AI434731, AI889189, AI651045, AI590423, AI354627, AI889323, AI697191, AI589267, AI468959, AI582966, AI241923, AI185767, AI500714, AI862825, AI583032, AI884318, AI638644, AI569975, AW089439, AW090013, AI569579, AI628325, AI520862, AW168663, AI890223, AI597758, AI281867, AW089006, AI659518, AI561356, AI561038, AL040694, AA872507, AI268320, AI564166, AI478639, AI627745, AI273112, AW089572, AI623746, AI699823, AI521005, AI949510, AI812107, AW161202, AI582912, AI702301, AW086082, AL037582, AL046595, AL037602, AI627988, AW022682, AI246319, AW163834, AI811644, AI587156, R41605, AI620866, AW002838, AW079119, AI635038, AI891031, AI921092, AL037030, AW130689, N29277, AW102821, AI832245, AI890507, AI619748, AI423105, AL046618, AI699764, AW059828, AI953817, AI269469, AI887389, AI537960, AI439601, AA056265, AW149026, AW193038, AI554186, AI637833, AI933992, AI540606, AI828412, AI540784, AW189301, AW081298, AI521560, AI702068, AW051088, AI539800, AI348917, AI921254, AL036980, AI309306, AI648408, AW129918, AI866082, AI917145, AI634805, AI635897, AW026087, AW170700, AI539667, AW167918, AI270295, AI471282, AI247193, AI361739, AI583578, AI349957, N29481, R32821, AI956086, AI537408, AI267185, AA814990, AI345005, AI587143, AI868163, AI627896, AI572787, AW081449, AI912477, AI564448, AI591025, AI573167,

	AI559287, AW054931, AI445115, AI799183, AI872423, AI824764, AW104836, AW263804, AI866798, AI683099, AI244148, AW105601, AI452556, AI818204, AI565128, AI917963, AW148895, W74529, AL036925, AI890806, AI349598, AL036664, AW075207, AI349256, AW118382, AI784252, AI277008, AI679321, AI580674, AW193911, AW102902, AI312152, AW198090, C16221, AI343037, AW269097, AI612750, AI961414, AI366900, AI830259, AI955906, AF183393, I89947, AR038854, AF159615, I48978, U58996, AL137558, A08916, A08913, A08912, A08910, A08909, AF153205, AL137476, A08908, S76508, AF115392, Z13966, AL023657, AL137480, I89931, Y10080, AF017790, AF090900, I49625, A52563, AF169154, X63410, AL049464, Z82022, U87620, AL050149, AI8777, AF139986, AI5345, AF026816, AL080124, U75932, AL049339, A83556, I89934, U49434, U35846, AL122049, AL133558, AL080126, X82434, S78453, AF111851, AL117460, AF061981, A27171, AF061573, AF107847, AF111849, AL133557, AL049452, AL122100, A08907, AL137292, AL050170, AF115410, AF113019, Y10823, A77033, A77035, E01314, AL110171, Y10655, AF065135, U92068, L31396, U68387, AF015958, AF137367, E02221, L31397, Z97214, AF003737, AL049300, S36676, AF106697, AL050138, AF113691, S77771, I89944, AF026124, AL110225, U80742, AL133113, AL110280, AL050366, I48979, S75997, AF036941, AL117585, AL117394, AL110159, AL080159, X56039, I03321, AF158248, AF146568, AL117435, X72889, AL137276, AL137463, E02914, Y11587, AF051325, AF113699, AL137271, M30514, U57352, AL137656, AL133014, X93495, AL110222, E01573, E02319, A21103, AR020905, AF090934, AF113677, AJ000937, A08911, AL137530, X80340, AL117583, A93350, AL137574,

839	HCRPH54	874997	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 438 of SEQ ID NO:839, b is an integer of 15 to 452, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:839, and where b is greater than or equal to a + 14.</p>	<p>AL137529, AL050116, AL137533, S68736, AF090896, I32738, X57961, AL050092, AL133619, AL050393, AL137641, AL133665, AL080163, A58524, A58523, AF162270, AL050015, X98066, AL050277, L19437, A07588, AF067728, AL137560, U95114, AL117416, U86379, AL117578, AF061795, AF090903, AF151685, AF125948, AF177401, AL137550, AF106657, AL137665, D83032, AC002467, A08915, AL049324, I80064, X79812, I33392, D89079, AL080074, AL133640, A76335, AL080154, AF000301, AL133075, A90832, AL080140, AL137488, AF000145, AL137479, Y08769, AL110218, I00734, S61953, AF113694, AF100781, I18355, AF017437, AF090943, I34392, AF118070, AF069506, AF141289, X63162, U53505, AL049466, E15324, X84990, S69510, AF205861, AL122045, E00617, E00717, E00778, AL050108, AF016271, AL137658, AF185576, S79832, AL080148, A12297, AR034821, X65873, AL137548, AL137521, AF022363, AF061943, E15569, AL137539, AR068751, AB016226, AL137283, AF113689, S63521, AF118064, AL050024, AL117587, X70685, AL049314, L30117, AL133098, AJ242859, I17767, AL137711, Y09972, E06743, Y14314, S83440, D16301, AL133010, U91329, AF032666, AF057300, AF008439, AF057299</p> <p>AI755214, AI754567, AA773463, AI754105, AW406447, AI366993, AI278972, AW304805, AI984168, AI291439, AW272815, AI537995, AI355246, AI536858, AI130709, AI249688, AA828637, AW272640, AI814682, H73550, AW131356, AW148775, AA634991, AA488746, AI038304, AI674840, F27015, AI634187, AI569100, AA808875, AI499954, H71678, AI859438, AW072963, AA503168, AI623764, AI587583, AI587565, AW192599, AI053978, AA483606, AA489390, AI627917, T74524, AL041924, AW166808, AA483075, AI206841, AA570740, AA702637, T47138, AI004591, AI879951,</p>
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	AA169245, AA626040, AI078409, AA714011, H91062, AW265688, AL037927, AI205181, AA455483, AI189682, AA488689, AI457313, H05940, AI278130, AI620992, AW191886, AL037910, AW105463, AL045077, AA568204, AI927275, AA714110, AA609834, AI371249, AI080307, AI890971, AA574442, AA642053, AA603413, AW263864, AI687343, H57988, AA601327, AI961983, AI862716, AI254779, AI417469, AA489240, AC005074, AC005057, Z84480, Z83838, AC002425, AL133245, AC006241, AC004531, AL049709, AL021407, AC008044, AL121652, AL109627, AC002347, AC005066, AC005409, AL031432, AC006153, AC007938, AC004801, AC005531, AC006312, AL050343, U96629, AC003042, AC005759, AC005412, AC005632, AC002394, AC002302, AC002472, AL034549, AL049779, AC003101, AL049830, AC016027, AC006236, AC006453, AC016830, AC005228, AP000557, AL031315, AP000689, AC005829, AC004230, AC007263, AC006196, AL049776, AC004682, AL020997, AF196969, AC007919, AP000349, AL121754, AC006121, AC000041, AC006023, AC007308, AC007731, AC007384, AC005500, AL031774, AC004983, AL121603, AL133448, AC005619, AP000113, AP000045, AC005764, AC004771, AC005247, AC005755, AC005920, AC002430, AC005940, AC005225, AC005288, AC007314, AL132987, AC006449, AC004228, AC006211, AC004821, AC005932, AP000694, AL031255, AC004685, AF139813, AC005089, AC007191, L77570, AC005747, AC005046, Z85986, AC005905, AC007055, L78833, AC004148, AC004491, AF003626, AC005971, AC005280, Z83822, AC005488, D87675, AC004792, AP000553, AC007161, AL049780, AF129756, AC005082, AL079342, AL096701, AP000555,

				AC004020, AC004812, AC008134, AC007283, AP000141, AC005837, AC005291, AP000009, AC004760, AL117258, AC007298, AL031680, AL080243, AL020993, AL079340, AC007285, AC001226, AC004605, AC004477, AF050154, AL021391, AC009516, AL031281, AF111168, AC002470, AC006162, AC003025, AC006285, AC002352, AC004819, AL035071, AC004084, L44140, AC003041, AL008729, AC004955, AC007999, AB014079, AC003982, AC005041, AL109952, AL031259, AL021920, AC005102, AF064861, AC004139, AC007845, AC007664, AL035587, AL022318, AL109628, AC004832, AC007325, AC005011, AP000514, AC004678, AL031311, U95740, AL031673, AC009247, AL022323, AC005899, AC004526, AC005567, AC004929, AL034429, AC006237, Z93017, Z93241, AF047825, AC007172, AF165926, AC004236, AP000030, Z86090, AC003962, AF124523, AL022324, AL035457, AC006958, AC006101, AP001053, AC002054, AC005261, AL032821, AC004662, AC006079, AC005911, AL031672, AC006486, AL049694, AL009181, AC008018, AC008132, AL109798, AC002554, AC006511, AC001558, AC006077, AP000066, AC004814, AL022326, AC004590, Z99716, Z46773, U62293, AC004797, AL117694, AL008635, AL133244, AC006120, AL049832, AC006239, AC010200, AC006315, AC004253, AC006115, AC010205, AC016025, Z83826, AC005015, AL008725, U91323, AC003071, AL031003, AC008372, AC006116, AC006530, AC012330, AC006111, AL031984, AF001550, AP000151, AC005537, AL031733, AC005914 H48009, R79892
840	HCRPH69	874998	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

841	HWLVX08	874999	<p>the general formula of a-b, where a is any integer between 1 to 475 of SEQ ID NO:840, b is an integer of 15 to 489, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:840, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:841, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:841, and where b is greater than or equal to a + 14.</p>	
842	HKLAA30	875001	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:842, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:842, and where b is greater than or equal to a + 14.</p> <p>AA089855, H30455, AA954657, AA455419</p>	
843	HWLVWS 9	875002	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p> <p>AA748900, AA283705, H56582, AC007436, AC006581</p>	

844	HWLJN18	875003	the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:843, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:843, and where b is greater than or equal to a + 14.		M94132, L21998
845	HCROH01	875004	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 557 of SEQ ID NO:844, b is an integer of 15 to 571, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:844, and where b is greater than or equal to a + 14.		AA564247
846	HCRP181	875005	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 664 of SEQ ID NO:845, b is an integer of 15 to 678, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:845, and where b is greater than or equal to a + 14.		H50674, AC004067

			the general formula of a-b, where a is any integer between 1 to 338 of SEQ ID NO:846, b is an integer of 15 to 352, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:846, and where b is greater than or equal to a + 14.		AI884928, AW299727, AW204926, AA933627, AI471959, AI860951, AA648384, AI674548, AW134703, AI817454, AI741288, AI801449, AW207053, AI927200, N70264, AI283846, AI360406, AI969837, AI359870, W57964, W57938, AI471951, AI928115, W79288, AI023464, AI824946, AA242781, AI479588, AI962494, AI246231, AA778582, AI094509, AI248982, AI093921, AA255447, AA242806, AA806316, AA962783, AI086106, AW440004, AI867514, AA143002, R15486, AA256554, AA029757, AA973189, H01787, AA142852, AI277037, AA913805, AA581087, AI991436, AI766737, H01038, AI918290, N90613, AA758159, C00431, AA910879, AI640375, AI536574, AI571966, AW131402, AI553645, AW044561, AI565145, AF114436
847	HETGS43	875007	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 876 of SEQ ID NO:847, b is an integer of 15 to 890, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:847, and where b is greater than or equal to a + 14.		AW139613, AW297258, AI016456, R96672, AI659051, AA114047, E15820, X16865, X08006, M24499, A20907, X07618, M33388, M33189, X07620, X16866, X07619, U38218, X58468, X58467, M33387, AL021878, D29822, X69481, X68013, AB008784, AB008785, AB031864, M22331, AB008424, J02868, Y16417, AB008425, U48219, U48220, AF221525, AB031863, AB004268, D17397, AB008422, M22328, X52029, X52028, M16654, J02867, AB031866, AB031865, M22329, J02869, M25143, AB008423, U20088, M22330, M27168, M23998, U21486, M23997, M16655, U20087, X52030, X52027, M24267, AF020345, M24264
848	HWLRS46	875008	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:848, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:848, and where b is greater than or equal to a + 14.		

849	HWLRS57	875009	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:849, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:849, and where b is greater than or equal to a + 14.</p>	AW182141, AI580971, AA912442
850	HUSJO81	875011	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:850, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:850, and where b is greater than or equal to a + 14.</p>	AA887099, AA811742, AA527224, AA664284, AA315189, AA579403, AA846897, AI191233, W74477, AA846202, AA502502, AA314045, AA491654, AI707878, AA471090, AA397403, AA469287, AA507237, AI187101, AI332339, AA740204, AA747396, AA569585, F33217, AA654805, AA652514, AI879915, AA315986, AA525507, AA962834, AW020084, AA843742, AI969937, AA721769, AA729169, AA810361, AA843123, AA730331, W79076, AI334127, AA501492, AA493224, AW131319, AI185103, F32833, F25780, AI417031, AW081520, AW206794, AA516066, AA888378, AA102467, AL036301, W78097, AI355759, AA730608, AA657526, AI034125, AI433771, AI352442, AA993338, AI884979, AA569691, W79152, T27891, AA622677, AI708173, F30746, AA308473, AA843127, AA631879, AA243966, F33379, AA522595, AI817632, F24361, AI193696, AA244028, AA873154, AI735569, AA730517, F32900, AA747465, AA603382, AA649606, F20380, F32901, AA978146, F33416, F20454, AI422591, AA730660, AI290773, F25407, F33089, AI041257, AA888718, F33284, AA469367, AI762793, AI051903, AW022287, AA701472, AA614516, AA894458, R48278, AI749215, AA092308, AA384856,

				AA661946, F24070, AA541339, AA527626, R67767, F28009, AA740414, F21192, W02119, AA952978, F24293, N49678, F24612, AA527023, AA661512, F26558, AA541405, AI370965, AA995994, F34656, F18978, AI784087, AA325055, F26390, F37173, F35326, H88230, AI382368, F26165, AA890396, AA88357, AA522939, AA888273, AA385626, AI914990, AA662042, AA491592, AA649785, AA316500, F29972, F35844, H88231, AA639235, F31361, R48379, AA385380, AA729429, F28993, F24793, AA934536, AA559163, F29465, F35400, AA886837, F35383, AA658963, AI601217, F24186, AA664743, AA923674, N49780, F26281, AA933765, W32580, AA557502, AI919403, AA725198, AA580198, F29893, F35017, F26112, F29998, N88323, AA321318, AA999841, AA888348, AA887167, AA369038, F26491, AA355062, AA355061, F23510, T57396, F33201, AA523070, AA888349, AA363191, R96395, D20270, AI140448, T57332, AI383931, AA372960, F33956, AI735315, AA365118, F25283, F31096, N76644, AI000851, R57767, AA701577, AA680408, AI708904, AA701566, R96352, F26735, AW103366, T79616, AA705672, AI597752, AW150141, AA973003, AA659871, AA093673, H68818, T73331, AI473263, T73398, H54271, T79701, AA548584, H54272, F23543, N88025, AA659382, F36460, AA093536, N54563, N84370, AA327776, F30219, AA996251, AI391584, F30193, M22348, M26700, M26704, M26730, M26707, M26701, M26706, M37387 AA757114, AA758166, AA758973, AP000077, AC005011
851	HCRPF66	875017	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 369 of SEQ ID NO:851, b is an integer of</p>	

852	HRMAF73	875018	<p>15 to 383, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:851, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 630 of SEQ ID NO:852, b is an integer of 15 to 644, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:852, and where b is greater than or equal to a + 14.</p>	D62892, D62760, D79755, AW444744, AW235233
853	HMSMR90	875019	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 513 of SEQ ID NO:853, b is an integer of 15 to 527, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:853, and where b is greater than or equal to a + 14.</p>	AA159605, AA805580, AA832269, AI9555931, AI457764, AA908777, AI004292, AA953966, AA729173, AA525169, N67334, AA911328, AW172745, AL134840, AL135047, AI630932, AI469715, AF126488
854	HWLQM6 6	875020	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:854, b is an integer of</p>	AI949749, AW290908, AI459004, N33144, AA380990

855	HCRON47	875024	<p>15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:854, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:855, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:855, and where b is greater than or equal to a + 14.</p>	
856	HWLRV45	875025	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1418 of SEQ ID NO:856, b is an integer of 15 to 1432, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:856, and where b is greater than or equal to a + 14.</p>	<p>AW016290, AW016291, AA429425, AI333326, AI368826, AI809630, AA428368, AI078821, AI949540, AI393461, AI039446, AI239582, H06842, F03182, H06841, C02196, W23702, AI571625</p>
857	HFGAB06	875027	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1126 of SEQ ID NO:857, b is an integer of</p>	<p>AW090205, AI690739, AI167504, AI140900, AI247649, AA010938, AI246303, AI554171, W01195, H93654, R98292, R98052, M78334, AF057036</p>

858	HWLVA35	875029	<p>15 to 1140, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:857, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:858, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:858, and where b is greater than or equal to a + 14.</p>	<p>AI935827, AW407220, AI720141, AA533138, AI934307, AA669840, AI246796, AI298710, AA311535, AI690379, AA599712, AI860423, AW275432, AI984168, AW270768, AI761677, AA581463, AW191886, AI064864, AA661583, AI291037, AA135761, AW270619, AA525753, C14614, AA502103, AA669238, AA904275, AW272815, AI038990, AI224583, AW419201, AA804726, F29968, AI798521, AI803809, AW272389, AW131001, W04238, AA584765, AA581903, AI150934, AL040054, AI004591, AA365586, AI696793, AA657835, AI609984, AI291268, AI291124, AL043719, AI379719, AW277196, AA653291, AI791659, AI797998, AI471481, AA655005, AL046409, AI028510, AW157005, AI571094, AW029038, AI915081, AA595661, H90845, AI587583, AI587565, AI610012, AL036282, AW008184, AA491814, AW020094, AA644090, AI039257, AI061313, AW151247, F02412, AI083998, AA992126, AA584493, AI609974, AL041894, AW074022, AW021399, AW151761, AI446464, AW162049, AA610381, AA425924, AW342042, AI929531, AF015416, AF190465, AC005102, AL021707, AC003667, AC004966, AP000116, AL009181, AC002477, Z83840, AB023048, Z96074, Z93017, AC005180, AP000309, AC005225, AL031321, AC003043, Z86090, AC004000, AC004797, AL049712, AC005399, AP000697, AC006125, AC004448, AL008726, AC005527, AC007151, AC004841, AC002996, AC006101, AC003070, AL096791, AC004263, AC007676, AL022326, AC005250, AC005703, AL033392,</p>
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	AP000048, AP000501, AC006953, AJ011930, AL022327, AL035587, U78027, AC009516, AC005913, AL133448, AC004150, AL031602, AD000092, AC005529, AL023575, AC005358, AC006241, AL121603, AP000947, Z97876, AC006449, L78810, AC006254, AC006966, AC007225, Z82176, AC003102, AC005776, AC005484, AC018769, AC018767, U91321, AC005696, AC002316, AC007842, AC005839, AP001054, AC005940, AL031774, AC005971, AL021918, AC005740, AP000326, U52111, AC002073, AL049757, AC016026, AC004856, AC005921, U85195, AC004910, AL022320, AC008134, AL117329, AP000356, AL035086, AC005081, AL121655, AL023882, U52112, AC005048, AC004254, AL008718, AL109798, AC006597, AP000054, AP000169, Z98752, AC005668, AC016027, Z98051, AC005207, AE000658, AL035684, AC005251, AP000556, AC005632, AC005280, AC006530, AC005778, AC002563, AC007057, AC005841, AC004821, Z82195, AC005914, AC006121, AL117258, AC002312, AC002314, AC005082, AC006251, AD000812, AC018633, AL031311, AP000557, AC006441, AP000692, AC008018, AC007546, AL049874, AC002126, AF165926, Z95113, AC009247, AC005808, AL022237, X62355, AL033527, AC004854, AL049776, AC005031, AC004531, AC004814, AL049636, AP000552, U91326, AL049766, AC005015, AL022238, AC005412, AC006001, AC004963, AC007536, AF196779, AC007051, AP000502, AC004895, AC004922, AP000122, Z99943, AC006211, AP000500, AC010077, AC002544, AC016830, AC004913, AC004950, AP001068, AC007919, AC006511, AC004655, AL035659, AL022336, AC008085, AC005244, AC002504, Z93244, AC004835, AC004882, AC005553, AC016831, AF001548, AC006137, AL136295, AC003042, AL021808, AC005924, AC004084,

859	HCRPQ86	875032	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 377 of SEQ ID NO:859, b is an integer of 15 to 391, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:859, and where b is greater than or equal to a + 14.</p>	<p>AC005701, Z97056, AL049830, AL031427, U80017, AC007688, AC020663, AL049794, AC004466, AC004659, AC007686, AC005899, AC004815, AL035400, D87675, AC005361, AL031255, AC003685, AL035681, AC003665, AC006539, AC006076, AC007510, AL031447, AC005566, Z83822, AL035072, AC006468, AC005215, AL117339, AP000353, AC002546, AP000518, AC005874, AF134471, AC005191, AF207550, AC006132, AL035420, AF109907, AL133312, AL034549, AC004890, Z98950, AC005520, AP000348, AC007381, AC004804, AL021393, AC008101, D25754</p> <p>AB014528</p>
860	HCROZ20	875034	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:860, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:860, and where b is greater than or equal to a + 14.</p>	<p>AA631915, AI590404, AA632355, H47461, AI821342, AI798521, AI049999, AI003068, AI860423, AI342863, T03613, AI003391, AI350189, W02419, AI434103, AI076729, AA828840, C75332, AI813920, AI884404, AI828721, AA551548, AA630476, AA157876, AI039257, AI285493, AI567676, T10218, AW021674, AI572680, AA814719, AA598608, AW403177, AW440495, AW023975, H86399, AA468458, AI281622, AI183392, AW021847, AA197089, AA636077, AW131394, AA748071, AI571094, T03928, AI570067, AI242236, AA167656, AI744963, AI167715, AI280566, AI889177, AI312614,</p>

	AI254267, AA330549, AI370470, AA507623, AA847341, AW151848, R33588, AA937402, AW239465, AA694596, AI520984, AA019793, AI049845, AA558402, AA558716, AA129000, AI251024, AA470490, AL047405, AA135761, AW028376, M77888, AI733523, AI065031, T34066, N49298, AA493245, AA299221, AW272513, AI423034, AI419419, AA152398, AA493546, AI215720, AI376687, AA663579, AI860648, AI590111, AA629668, AI640905, AI708108, AI623364, AW152451, AA594090, F35684, H63173, AI221027, AA640104, W58735, AA587835, AA773560, W45215, AA533660, AA425283, AI446574, AA127048, AA126969, AA984891, AA635150, AI002861, AA523718, AI803824, AI802268, AI031759, AA084439, AI345256, AA362670, AI285651, N35135, AA595661, AI754926, AI753131, AI819419, AW020612, AA525156, AA467740, AI267285, AA600863, AI275631, AI354377, AW149241, AI749823, AI926876, AI143653, AI138262, AA127021, AW238242, AI702049, AI003474, AA046906, H29593, AI445699, AW157128, AI358505, AW069769, AF111167, AL132992, AL009179, AC002350, AC004999, AL034420, AC005575, AC005041, AP000133, AP000211, AC005632, AL035086, AC004887, AL035587, AC005821, AC005225, AC007055, AC003098, AC005920, AL031287, AL035089, AC004041, AC005105, AC005913, AL031670, AL080243, AC007686, AC003007, AP000556, AP000557, AC006285, AC006312, AC005071, AL137100, AL020997, AC006530, AC002430, AC004756, AC006468, AL121658, AC009516, AC007384, AC005015, AC005037, AC003013, AC007207, AC005033, AB023049, L47222, L44140, AP001053, AF052041, AJ011930, AF200465, AL009181, AC007227, AL034548, AC006057,

	AC004967, AC005514, Z85987, AC005695, AF095725, AC004386, AL049780, AC005089, AD000092, AC005480, AC006544, AC006539, AL031622, AL031296, K00650, AP000514, AC004263, AC008372, Z93017, AC005971, AC004783, L47229, U07561, AC002310, AF045555, AC005031, AL096791, AF019413, Z83820, AL021579, AC003080, Z85986, AL031767, AC003689, AC005972, AC004890, AC005562, L47227, AC005488, Z98044, AC004242, AC002558, AC004125, AP000512, Z92542, AC005412, AL021707, AC009399, AL049562, AC005914, AC005244, AC006511, AL049776, AL022163, AF053356, L81394, AC009247, AC000025, AC006013, Z96182, AL139054, AE000658, L47223, AC005837, AL033376, AL031432, AL022322, Z83844, AL079342, AC004804, AC004997, Z93241, Z96074, Z93023, U62317, AC002312, AC006139, AC005726, AL031848, AC005102, U85195, AC005911, AC006600, AC004812, AC004024, AC005585, AF001549, AC003684, AC004605, AL109984, AC005753, AL021546, AC005841, AC006441, AP000563, Z73420, U65896, Z95329, AC007066, AC007263, U80017, AL022476, Z82182, AP000289, AC005300, AC002316, AL049759, AC005081, AC005231, AL031281, AP000042, AP000110, AC005372, AF191214, AC006077, AB014079, AC002468, AP000555, AP000689, U62292, AL024474, AC003086, AC004851, AC002464, AC004844, AL035466, AC002110, AL022336, AL031121, AC009248, Z97056, AL049869, AC006014, AC007298, AC002306, AL096801, AC005058, AC006160, AF111169, AC002105, AL008716, AP000348, AC006958, AC006211, AC005907, AC002477, AB017602, AC005703, AC004183, AC006466, AC004534, AL110280, AC006261, AC006255, AL021878, AC004771, AL034421, AC001231, AP000553, AC004025, AC003037,

861	HFPKD18	875035	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 650 of SEQ ID NO:861, b is an integer of 15 to 664, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:861, and where b is greater than or equal to a + 14.</p>	<p>AL049694, AC001228, Z83846, AP000359, AC006137, AD000812, AC010205, AL022162, Z92544, U96629, AC005256, AC007277, AC003982, AL136130, AF075069, AC005899, AL031685, AC005754, AL022311, AL080239, AC005871</p> <p>AW051333, AA622259, AA554795, AA991784, AW025872, AI858715, AA181808, W42832, AI684307, AI634803, AA251829, AA262291, AA565240, AI309202, W42742, AW169519, AI376261, D63093, AI911554, AF132963, AF088034</p>
862	HCROSS9	875036	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 789 of SEQ ID NO:862, b is an integer of 15 to 803, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:862, and where b is greater than or equal to a + 14.</p>	<p>AA056144, AA057099, AA058794</p>
863	HCROR65	875037	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:863, b is an integer of</p>	<p>AI655430, AI867415, AI341310, AW365679, AA300470</p>

864	HZAAD77	875038	<p>15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:863, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 493 of SEQ ID NO:864, b is an integer of 15 to 507, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:864, and where b is greater than or equal to a + 14.</p>	<p>NS2760, AI128899, AI768926, AI744603, AI564516, AI088130, AI091999, AI126743, AI440521, AI309616, AI091062, AA505739, W58101, AI659933, AA703194, AW243135, W95022, AI633095, AA911079, AA935333, W93338, AA455097, AA894538, AA455075, N94437, AI094481, AI040514, N57581, AI674591, AI185938, AI340225, AI340227, AI375245, AI247839, R42767, H93246, AI830468, H93118, AA938302, AI140721, H87458, AI468684, AI268066, AW177625, AI032772, AA699860, AW449815, AA835970, AA211073, AA738097, AL042853, AI821062, AA653459, AL042753, AL049003, AI242505, AL138455, AL035847, W79740, AI640370, AI261589, AL120307, AI619665, AW089495, AI890887, AW243619, AA766268, AI687568, AL042440, AI493858, AL110402, AI684762, AI360195, AL047763, AI954721, AI673236, AI370322, AI440444, AI559752, AI539545, AI582871, AI570389, AA857969, AI677797, AL036638, AI089811, AI648699, AI471898, AI491842, AI499570, AW160916, AI584118, AW188390, AW029457, AI872072, AI580694, AI619691, AW148882, AI926593, AI628214, AI866573, AI446829, AW166561, AW104767, AI801536, AI918677, AI686690, AW026618, AI890051, AI590830, AI401697, AI355277, AW406745, AI804842, AI554283, AI572019, AI689096, AI886055, AI539541, AI885905, AI690813, AW089844, AI829977, AI648684, AI937869, AI610671, AL040528, AI452857, AI537516, AI434731, AW151451, AL040449,</p>
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				AI224373, AI624475, AI590423, AW149219, AW084896, AI610318, AA587120, AL042694, AI590468, AI673140, AI628325, AW152195, AI784230, AA937566, AI539260, AI963212, AI274527, AI696583, AW105588, AI356470, AW021662, AI434656, AI565172, AI758942, AI345253, AF162270, AC006203, D83989, AC004213, AC000052, AC005902, AC006115, AP000130, AP000208, AP000247, AL031281, AC005156, AC002472, AL096776, AL035407, AL032822, AC004383, AC018767, L30117, AC006288, L78810, Z83840, AC006112, AC010077, AC009501, AL049557, AL035587, AC006336, AL021393, AC005886, AC002464, AC004989, AC007114, AL033521, AC006013, AC005411, AC004686, AC002564, AC004987, AC006501, AP000344, AL031274, AC005968, AL021391, AL034417, AF042090, AP000020, Z49258, AC007172, AC004837, AC007056, AC004485, AC009233, AC005291, Z98036, AL080239, U66059, AC004690, AC002531, AC000053, AC005048, U95739, AC005057, AP000458, AC007390, AL122021, AL079340, AL022147, AL030998, AL031295, AC004822, AC006222, AC009286, U89335, AC007392, AC007298, AC006371, AC002060, AC002086
865	HCRPA12	875042	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 290 of SEQ ID NO:865, b is an integer of 15 to 304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:865, and where b is greater than or equal to a + 14.</p>	

866	HMEKZ86	875044	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1697 of SEQ ID NO:866, b is an integer of 15 to 1711, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:866, and where b is greater than or equal to a + 14.</p>	<p>AI379902, AI693726, N32566, AA994526, AW001744, AA629877, AI684883, AI052478, AI042114, AI080764, AA873011, N41907, W15500, AA993164, AI806284, AW241737, N89990, AA775897, AI381270, AA731618, AW450940, W19733, AI224466, AW183232</p>
867	HCRPR27	875045	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:867, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:867, and where b is greater than or equal to a + 14.</p>	<p>AA393556, AA985381, AA757760, R25555, AA448483, F07499, AA526749, AI278605, AI344371, AI276855, AF002223, AL096711, AL109758, AL031599, AP000696, AC005908, AC007051, AC007919, AF069291, AF117829, AC002067, AC004413, AL023655, AC006296, AC006952, AC006249, AC008929, AC007677, AC007363, AC002457, AC006559, AC005518, AC007395, Z82201, AC006036, AF130342, AL050317, AC005048, AF027598, AC004079, AC005477, AC005045, AL021939, AC004998, Z82899, AC004087, Z68273, AL021069, AL109854, AP000694, AL034451, AC004659, AC009294, AC005015, AC011362, AL023713</p>
868	HCRPQ46	875046	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 308 of SEQ ID NO:868, b is an integer of 15 to 322, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:868, and where b is greater than</p>	<p>AC007429</p>

869	HCRPN09	875047	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 223 of SEQ ID NO:869, b is an integer of 15 to 237, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:869, and where b is greater than or equal to $a + 14$.</p>	Z93783	
870	HCRPK03	875048	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:870, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:870, and where b is greater than or equal to $a + 14$.</p>	N63026, N63032	
871	HWLHY62	875049	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1158 of SEQ ID NO:871, b is an integer of 15 to 1172, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:871, and where b is greater than</p>	<p>AW006935, AI304347, AI262522, N57535, AW006958, AW004749, F09394, Z41221, AI469565, AI261949, M79264, AI355473, AA345119, AA627647, AA594377, AI686451, AB018258</p>	

872	H2CBP44	875053	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 497 of SEQ ID NO:872, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:872, and where b is greater than or equal to $a + 14$.</p>	AA307892, AA327751
873	HCROW75	875055	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:873, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:873, and where b is greater than or equal to $a + 14$.</p>	AC000065
874	HCROW65	875056	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 74 of SEQ ID NO:874, b is an integer of 15 to 88, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:874, and where b is greater than</p>	

875	HPJCF45	875058	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 603 of SEQ ID NO:875, b is an integer of 15 to 617, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:875, and where b is greater than or equal to $a + 14$.</p>	AI052728, AA807217, AA907054, AA213896
876	HCRON87	875059	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 281 of SEQ ID NO:876, b is an integer of 15 to 295, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:876, and where b is greater than or equal to $a + 14$.</p>	
877	HIBEL32	875060	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 638 of SEQ ID NO:877, b is an integer of 15 to 652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:877, and where b is greater than</p>	H17282, AA351584, T80482, AF070610

878	HCRPE83	875061	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 417 of SEQ ID NO:878, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:878, and where b is greater than or equal to $a + 14$.</p>	
879	HWLUQ22	875062	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 356 of SEQ ID NO:879, b is an integer of 15 to 370, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:879, and where b is greater than or equal to $a + 14$.</p>	<p>AI024672, AA679591, AI248626, AA887646, AF061056, AF084644, AF084645, AJ009937, AJ009936</p>
880	HCRPE63	875063	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 312 of SEQ ID NO:880, b is an integer of 15 to 326, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:880, and where b is greater than</p>	

881	HCRPE76	875066	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1301 of SEQ ID NO:881, b is an integer of 15 to 1315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:881, and where b is greater than or equal to $a + 14$.</p>	<p>AW247760, H50138, AW368519, AA034259, AW246118, H49747, AW386985, AA325542, N79882, AA188766, W03099, AW206894, N72410, AA312511, AI880128, AI376296, AI075368, AA630709, AI769052, AA465622, AA536173, F27400, F37312, AA054418, AI124662, R19514, AF195951, X53744</p>
882	HCRPE44	875067	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 974 of SEQ ID NO:882, b is an integer of 15 to 988, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:882, and where b is greater than or equal to $a + 14$.</p>	<p>R24767, W23171</p>
883	HCRPE34	875068	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of SEQ ID NO:883, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:883, and where b is greater than</p>	

884	HE8QV20	875070	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 477 of SEQ ID NO:884, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:884, and where b is greater than or equal to $a + 14$.</p>	<p>AA047308, R14147, AF089107, AF151354, AF104923, AF118270, AF156489, AC004851, AR048209</p>
885	HBIBQ89	875076	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 851 of SEQ ID NO:885, b is an integer of 15 to 865, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:885, and where b is greater than or equal to $a + 14$.</p>	<p>AA399613, F11248, Z42117, AA082253, F05395, T35421, AB007925</p>
886	HFAAD07	875080	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 992 of SEQ ID NO:886, b is an integer of 15 to 1006, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:886, and where b is greater than</p>	<p>AI887753, AI702451, AA548464, AI978680, AA071156, AA191693, AI797896, AI826052, AA041342, T62575, AW014334, AA197202, AI084270, AW375498, AA188647, AA602203, H20737, H10377, T63199, R71297, AI829554, T62541, AI659397, R40856, AI868867, AI810306, T62616, AA602213, AI701277, AI221666, AA070862, AA860281, AA191265, D25992, AW363933, AI217112, AA528408, AI633390, AI199435, AB029036, AJ132948, AF119043, AL035410</p>

887	H2LAY41	875081	<p>or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:887, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:887, and where b is greater than or equal to $a + 14$.</p>	AA315818, AA369878, AA191232, D58283, D80043, C14331, D80022, D59610, D59859, D80188, D80166, D80195, D50979, D81030, D51423, D59619, D80210, D51799, D80391, D80164, D59275, D80240, D80253, D59787, D80227, D59502, D80212, C14389, D80196, D80219, D59467, D57483, D59927, D80269, D80241, D80366, D80038, C15076, D59889, D80193, D50995, D80024, AA305409, C14429, D80378, D80045, T03259, AW178893, D51060, C75259, C14014, D51022, AW179328, AW178775, D80134, D80522, D52291, D81026, AW177440, AA305578, AW378532, D51250, AW352158, F13647, AW369651, D80168, D80251, D58253, D80248, AW178762, AA514188, C14227, Z21582, D81111, D80133, C14407, AW177501, AI910186, AW177511, AA514186, AW360811, C14298, D80064, AW378540, AI905856, C05695, AW352117, AW176467, AW375405, D80132, AW377671, D80268, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW179024, D80247, AA285331, AW360834, D51097, AW352170, AW179020, D80302, AW177456, AW352171, AW377676, D80439, AI557751, AW178906, AW177731, AW177505, AW178907, AW178754, AW179019, D59373, T11417, AW178980, AW360841, AW178909, AW179004, AW179329, AW179012, AW177733, AW378528, AW179007, AW178908, AW179018, AW178971, AW179220, AW177714, AW352174, C14077, AW178914, AW378525, D51103, AW367967, D80014, D80157, AW177722, AW178983, AW177728, D51759, AW352120, AW179009, AW178774, AW178781, AW178911, AW378543, AW352163, D58246, T03116, D59503, T48593, C06015, D58101, D59627, D80258, AI557774, AW177723, D59653, H67866, D45260, C14975, AI535850, T02974, AW378533, AW378539, C03092,
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888	HDPIG12	875088	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:888, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	AA809122, AW367950, D51213, AW178986, D51231, H67854, AW177508, D60010, AW177497, AI525923, C14344, AW177734, D45273, AI525917, D59317, C14973, AI525235, D51221, D59474, C14046, AI535961, C14957, AI525920, AA514184, AI535686, D59551, AI525227, C16955, H67858, D60214, T03048, AW179013, AW178759, Z33452, AI525912, AI525242, AW378542, AI525925, AI525215, C05763, AI525222, Y15908, Y15909, AJ132110, A62300, A84916, A62298, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, AF058696, AR008278, AB028859, D88547, X82626, AR025207, Y12724, AB012117, Z86061, AR066482, A82595, X68127, A94995, A85396, AR060385, A44171, AB002449, AR008443, A85477, I19525, A86792, AR016808, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066490, AR066487, AR054175, A30438, I18367, D88507, I14842, D50010, Y17187, AF135125, A70867, A63261, AR008277, AR008281, AR008408, AR062872, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, I79511, AR064240, U87247, AB023656, U79457, AF123263, AR032065, X93535, AR008382 W22252, T23206, AL031673, AL049942
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889	HMVZ67	875092	<p>NO:888, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 373 of SEQ ID NO:889, b is an integer of 15 to 387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:889, and where b is greater than or equal to a + 14.</p>	
890	HWLRF06	875093	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 371 of SEQ ID NO:890, b is an integer of 15 to 385, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:890, and where b is greater than or equal to a + 14.</p>	D63997
891	HTNBJ90	875094	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:891, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	AA385073, AL042522, AL042491, AC005498, AC007228, AC004696

892	HWLUZ75	875099	<p>NO:891, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 322 of SEQ ID NO:892, b is an integer of 15 to 336, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:892, and where b is greater than or equal to a + 14.</p>	AL119376, AL119432, AL119400
893	HDTBD43	875100	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1541 of SEQ ID NO:893, b is an integer of 15 to 1555, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:893, and where b is greater than or equal to a + 14.</p>	<p>AI125852, AW242884, AA287541, AI861888, AW273349, AI653868, AI291447, AI273656, AA259012, AA768384, AW168996, AA971763, H98861, AI673304, AA812179, AA768837, AI969035, R70005, AW194279, AW194169, AA811579, AA224362, AA502756, AI824504, AI698788, AW016752, AI669850, AW087456, AA326934, AA326933, AA361600, AC006291, AC005188, AF028722</p>
894	HWLUG07	875101	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 729 of SEQ ID NO:894, b is an integer of 15 to 743, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA768384, AI861888, AI291447, AI653868, AW273349, AI273656, AW242884, AW168996, AA971763, AI673304, R70005, AA768837, AI969035, AA812179, AW194169, AA287541, AA811579, AA224362, AA502756, AI824504, AW016752, AI698788, AI669850, AA361600, AL119457, AL119399, AL119324, AL042968, AL042973, AL119443, U46341, AW392670, AW372827, Z99396, AL134920, AW363220, AW384394, U46349, AL119444, AL042965, AL119363, AL119319, U46351, AL119497,</p>

895	HCRPV30	875102	NO:894, and where b is greater than or equal to a + 14.	AL042850, U46350, AL119464, AL119483, AL119484, AL119341, AL119391, AL119355, AA224099, U46347, AL119496, AL119418, U46346, AL042978, AL119335, AL037205, AL119522, AL119396, AL119439, AL134528, AL134518, AL079687, AF028722, AR060234, AC005188, A81671, AR066494, AC006291, AB026436, AR054110, AR069079
896	HTPHV54	875103	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 144 of SEQ ID NO:895, b is an integer of 15 to 158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:895, and where b is greater than or equal to a + 14.	AI910846
897	HWLMY3 0	875105	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 319 of SEQ ID NO:896, b is an integer of 15 to 333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:896, and where b is greater than or equal to a + 14.	AI393962

898	HTTFJ81	875106	is any integer between 1 to 682 of SEQ ID NO:897, b is an integer of 15 to 696, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:897, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 436 of SEQ ID NO:898, b is an integer of 15 to 450, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:898, and where b is greater than or equal to a + 14.	R12155, AC005971	
899	HDPCQ41	875110	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 813 of SEQ ID NO:899, b is an integer of 15 to 827, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:899, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 813 of SEQ ID NO:899, b is an integer of 15 to 827, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:899, and where b is greater than or equal to a + 14.	AA639560, Z57050	
900	HINAA28	875113	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a		AW089799, AI338829, AI382007, AI084708, AI382947, T19791, AL044125, AL134524, AL041347, AL040193, AL043496, AL044162, AL041324, AL043538, AL040621, AL041098, AL047012, AL040463, AL047219, AL047170, AL040322,	

901	HTEBS63	875114	<p>is any integer between 1 to 741 of SEQ ID NO:900, b is an integer of 15 to 755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:900, and where b is greater than or equal to a + 14.</p>	AL041133, AL041238, AL040625, AL040510, AL040119, AL043467, AL044186, AL044037, AL040617, AL045684, AL043677, AL040839, AL041752, AL043492, AL041602, AL037436, AL038838, AL041168, AL044074, AL041635, AL040294, AL041730, AL041523, AL043627, AL037443, AL041374, AL043845, AL044064, AL044272, AL038983, AL043923, AL043814, AL043848, AL037435, AL041459, AL043570, AL037343, AL040052, AL041577, AL046850, AL038532, AL040768, AL037727, AL044258, AL040464, AL046994, AL047183, AL046914, AL047057, AI142134, AL046442, AL045328, AL037335, AL042898, AL039316, AL047163, AL045671, AL046392, AL040472, AI547295, AL079852, AL043941, AL037295, AL048714, AL045327, AI318479, D29033, AR064707, AR066494, A93923
902	HCROK18	875115	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 645 of SEQ ID NO:901, b is an integer of 15 to 659, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:901, and where b is greater than or equal to a + 14.</p>	H66884, W52415, H66877
				AA593112, AI695197, AI744009, AC004132

903	HCROK31	875118	SEQ ID NO:902, b is an integer of 15 to 597, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:902, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 305 of SEQ ID NO:903, b is an integer of 15 to 319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:903, and where b is greater than or equal to a + 14.	AL022328	
904	HCROE24	875121	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:904, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:904, and where b is greater than or equal to a + 14.	T85431	
905	H2CBN19	875123	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 713 of	AI801795, AA307808, AW028846, AI620590, AW088677, AA741431, X51698, AR019336, U47289, X97790, U47292, X97793, X97791, U47290, U47291, X97792, AR019344, AR019345	

906	HDTLM04	875124	<p>SEQ ID NO:905, b is an integer of 15 to 727, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:905, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 764 of SEQ ID NO:906, b is an integer of 15 to 778, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:906, and where b is greater than or equal to a + 14.</p>	N54214, M85613, AB001633	
907	HOCTE49	875125	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 555 of SEQ ID NO:907, b is an integer of 15 to 569, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:907, and where b is greater than or equal to a + 14.</p>	AA743462, AW029490, AI309109, AI990569, AI969654, AI791482, AI732527, AA506672, AI732529, AA506404, AI791315, AI791317, AI886055, AI783569, AW151136, AL039011, AI872423, AI678446, AI344826, AI345415, AW194014, AW022636, AI933992, AI571699, AI565172, AI473451, AW055252, AI961589, AI631216, AW163834, AI638644, AL041734, AI345347, AW071417, AW089844, AA814451, AI648699, AI620639, AW089275, AW129979, AW084097, AI364639, R20540, AI434242, AI333104, AW166937, AI679550, AW082532, AI699020, AA743430, AI873638, AW023338, AA908294, AI696583, AI421662, AI580027, AI918554, AI147292, AA225339, N25033, AI368579, AA830609, AI627714, AW409862, AI950729, T66952, N22276, AW409931, AI307557, AI345612, R65859, H89138, AI345416, AI439452, AI677797, AL045421,	

AI925164, N75779, AL121454, AI580674, AW162194,
AI345688, AA916133, AI689614, AI917252,
AI445611, AW169634, AI633061, AI439978,
AI866691, AL138406, AI863665, AA580663,
AI690813, AI583578, AL037558, AI566430,
AI538885, AI698391, AW129264, AI240602,
AW265004, AL040558, AI890391, AI539462,
AW166583, AI567302, AW163554, AI538085,
AW081383, H42557, AI270039, AI348777, AW023859,
AW327325, AI572096, AI627893, AI274508, R39624,
AI335426, AW083572, AI309306, AI586931,
AL047756, AW170773, AI784028, AI128239,
AI590134, AW058233, AI799540, AI884318,
AI630928, AI349742, AL041150, AI690411,
AI273899, AW161892, AW080805, AI349958, F37409,
R75918, AL038716, AW083168, AI927233, AI267185,
AI254731, AI590415, AI865880, AI869377,
AA494167, AI274655, AI69211, AI446721,
AW105087, AA504514, AW054939, AI590624,
AI634467, AI114703, AW080076, AW080700,
AA765656, AI610714, AI365256, AI819522,
AA999906, AI890507, AI345417, AI470717, R41605,
AI368691, AW366372, AW084353, AW073994,
AW080326, AI653402, AL119791, AW166861,
AA983883, AI610645, AW161202, AI491904,
AI658566, AL036705, AI468872, AA761557,
AL036187, AI888665, F34030, AW090387, AI251221,
AW169213, AI469270, AI433611, AW023871,
AI434731, N27632, AA769697, AI561177, AI918376,
AI620864, AI584130, AI955945, AA808175,
AI250646, AI684244, AL135517, AI284131,
AI952145, AI830187, AI538850, AI345608,
AW168700, AW025279, AL120307, H41759, AI370623,
AW081866, AL036673, AI890628, AI382313,
AI564749, AI338427, AI079226, AI446536,
AA835966, AI539260, AW085370, AW044367,

	AW050725, AI566399, AI095003, AI355779, AI925680, AI440239, W38553, AI653829, AI378123, AI566670, AI144071, AI889953, AI699823, AI282930, AI802542, AI583567, AI740623, AW029457, AI345471, AI656270, AI679266, AF154840, Z49258, AF145233, AB007812, AL137478, AF114170, AF061573, AF067728, AF008439, AL133067, AF017437, U72621, E01314, AC002471, I89947, AL117587, AF146568, S53987, AL117432, AF032666, I66342, AL137550, AL117435, AF076464, X63162, AF118090, AL080074, X72889, AR020905, AF057300, U57352, AF057299, AL137527, AL078602, AL080124, AL137271, M86826, AF047716, AL133062, AF113689, AL122106, AF082324, AL117394, U76419, AL137538, AF169154, A07588, AJ238278, AL117460, M27260, AL133014, U42766, Z97214, X99257, AF179633, S77771, AL078630, X66862, AF055917, AR038854, A18777, Y11587, A77033, A77035, AF026124, Y09972, AF030513, AR034821, AL133565, X83508, AF113690, AJ131955, I48978, S82852, A08913, AF016271, A52563, E01614, E13364, AF107847, AC004227, AF067790, AF100931, AF082526, L13297, D44497, AL137258, AL080139, AL049452, A08912, AL137267, A21103, A08910, A08911, A08907, AF113019, I89931, A08909, A86558, AL034400, AL080159, AF176651, AF112208, AF094480, AF124728, S83440, AL133010, E02221, AL137292, AL133560, I49625, S75997, A08908, AL035458, U90884, E12580, AL137533, S69407, S76508, AJ001838, AL050277, AL133640, AL034417, AF182215, AL133665, AF115410, E12747, I89934, AL117648, AL122110, X82434, A57389, X79812, A65341, AF038847, D89079, X70685, Z82022, I17544, AF106697, AF126488, Z37987, AL110221, AL117578, S68736, AL096728, X67813, AF102578, AJ012755, X96540, U49908, U88966, AF113694,

908	HWLNR78	875126	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 364 of SEQ ID NO:908, b is an integer of 15 to 378, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:908, and where b is greater than or equal to a + 14.</p>	<p>AL049996, Y10823, Y13350, AL137530, I03321, AF015958, AJ005690, AC006571, AF162270, AL035587, AC004822, AL133088, AF017152, AF036268, AL117440, U49434, AF044323, AF002672, X00861, AL137476, AR068466, A15345, I79595, AF002985, Y10655, AF100781, S36676, AL133080, A27171, AL137665, Y00093, AR053103, X76228, AF118094, AL109672, A65340, AL049382, AL080154, AP000133, AP000030, AR059958, E15324, AC005048, AF158248, U73682, AL137656, AL137273, U78525, AL122121, AL133112, AL050366, AR011880, A70386, S61953, E03348, AF065135, E03349, AF030165, AF069506, AL117416, X52128, AP000250, E12579, AL122045, AF199027, AL050143, AL122118, AL080126, AL137641, AL137548, AL110280, AF061943, S78214, AC004200, AF013214, X54971, AL133054, AF111851, AL110296, AB025103, X89102, AL137536, AL137711, AL137558, AL137547, AF042090, X93328, AL050138, AL080129, AF201468, U77594, I89944, AF077051</p>
909	HCEDD96	875131	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI733227, AA947235, AC007501</p> <p>AA195203, AW205958, N31717, AA195232, AI341353, AW139706, AI698676, AI093230, AI123522, AI656594, AI208758, AA975916, AI264922, AI089224, AA256604, H24039, AA989452, AW205941,</p>

			the general formula of a-b, where a is any integer between 1 to 679 of SEQ ID NO:909, b is an integer of 15 to 693, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:909, and where b is greater than or equal to a + 14.	N39147, R95955, AW105059, AA659637
910	HHFHS96	875133	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 357 of SEQ ID NO:910, b is an integer of 15 to 371, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:910, and where b is greater than or equal to a + 14.	H63042, AW245524, AW163472, N83553
911	HWLN090	875134	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 670 of SEQ ID NO:911, b is an integer of 15 to 684, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:911, and where b is greater than or equal to a + 14.	AW022580, AA174155
912	HE2JO22	875139	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	

913	HCYBJ96	875143	<p>the general formula of a-b, where a is any integer between 1 to 457 of SEQ ID NO:912, b is an integer of 15 to 471, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:912, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 590 of SEQ ID NO:913, b is an integer of 15 to 604, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:913, and where b is greater than or equal to a + 14.</p>	AA305249, N29048, N40240, AW378532, AW179009, D59467, D80522, D51022, D59610, C14389, AW360855, D80366, D80043, D80251, D80133, D80253, D58283, D51060, D80241, D50979, D80188, D81026, D80391, D80248, D59787, D50995, D80166, D80196, D80269, D59859, D80045, D59275, D80022, C14331, D80195, D51423, D59619, D80210, D51799, D80164, D80240, D80227, D59502, D59927, D81030, D80212, AA305578, D80219, AW377671, AA305409, T11417, D80193, C15076, D57483, D80038, D59889, D80024, AA514188, AW360811, C14014, D80378, D80268, AW177440, AA514186, AW178983, D80439, C14429, AW178893, D80247, D80302, AW375405, D59373, T03269, R95448, C06015, F13647, AW179328, AW366296, C75259, AW360844, AW360817, AW375406, AW378534, AW178906, AW179332, AW377672, AW179023, AW178905, D51103, AW177505, AW177501, D80157, AW177511, C05695, AA555182, D51759, AW352171, D80132, AW377676, AW178762, AW352170, AW177731, AA724922, AW178907, AW378528, AW179019, AW179024, AI499588, AW360834, D58253, D80134, AW367967, D51250, AW176467, AW178775, AI491817, AW360841, T92347, D80014, AW369651, AW179020, AW178909, AA191659, AW177456, AW179329, AW178980, AW352158, AA425118, AW178914, AW177733, AW178908, AW178754, AW179018, T48593, AA838190, AW352117, AA579179, D59653, AA010299, AW238488, AI580250,
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	AI031973, AA669564, AL119941, H09071, AI027459, AW179004, AA381011, AW178774, AW179012, AW378525, AW352120, AW352163, AI084234, AA630672, H82316, AW102846, AI420028, AL119713, CL4227, AA101689, AW084466, AA669155, AI891080, T99179, AL080242, AR060138, AB028859, AC004386, AR008278, AL035699, A62298, AJ132110, AL033523, A84916, A62300, AR018138, AF058696, Z82214, AC002054, AC005048, AC004087, AC005939, AC007298, AL096791, AC007664, AC008018, Z69715, AC006241, Z97196, AL034417, AL121658, AC004491, AC004031, AC005759, AC002564, Z99495, AP000039, AC006121, AC005993, AC005037, AC002416, AC006427, AC009411, AL034374, AL031281, A82595, AC005305, AC004756, AL032822, AC005880, AC006509, AC005488, AC004885, AC005803, AP000108, AC000364, AL031005, AC007308, AP000159, AC004858, AC005011, AL121603, AC004057, AC007537, AC005844, AL035587, AL049697, AL139054, AC004112, AL135744, AC018767, AC004652, AF095725, AL049745, L05367, AC005940, AC006313, AC005815, AJ229042, AL118497, AP000356, AC007556, AC002455, AC005587, AP000215, AL031671, AL049758, AR060385, Z94162, AC005224, X67155, AC005337, AC006466, AC005234, AC006014, Y17188, AC005242, AC009233, D26022, AC005144, A25909, AC006112, AP000030, AB002449, AC004242, Y12724, AB020861, U20476, AC003103, AP000555, AF067844, AC006840, Z98750, AP000281, AF027390, AL022170, AL033521, AC004686, AL049776, AB023054, AC005988, AL022240, Z84478, AC004543, AC005568, AL023577, AF109907, AC007955, A94995, AL109754, AC004595, D34614, AP000502, AL024498, Z98048, AC007193, AC006322, AC004194, AC004528, A67220, D89785, AC003030, A78862, AC002078, Z99716, AC008033,

914	HCQDV29	875144	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 353 of SEQ ID NO:914, b is an integer of 15 to 367, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:914, and where b is greater than or equal to a + 14.</p>	<p>Z80232, AC005972, AC002558, AL049565, AC005102, AC006571, AC004790, AL117694, AL049830, U61375, AJ010770, AL031466, AF045555, AC005091, AL035400, AC005280, AC002038, AC005081, AP000295, AC004972, AC007207, AC005548, AC002432, Z97054, AP000350, AC011504, AB020869, AF012654, X81001, AL035410, AB022430, AC005785, AP000745, AL031282, AC006208, AF001549, AC002528, Z93848, AL031670</p> <p>AL036180, AI133004, AI174946, AI133259, AI065079, AI207423, AI207597, AI064695, AI133218, AI133420, AI110646, AI064831, AI110645, AI133698, AA522946, AA160197, AA229530, Z98452, AA630934, AA468444, AI133099, AI064928, AI174665, AW073816, AL037870, AL037849, AL048198, AA886120, AI557077, AA524676, AA650324, C18017, AA490180, AA602274, AI061660, AA196337, AA130107, AA075016, AA075595, AL048429, AA502854, AI253444, AI114770, AA533954, AA081859, AI110815, AA429176, AI460015, AA081406, AI366551, AI717995, C18661, AA522591, AI366019, AI459473, AI525868, C18389, AI907036, C18379, AA075635, AA194553, AA523493, AW007608, C16892, AI253348, AA807804, AI560053, AA126340, AI833147, AI884494, AA525479, AA522587, AA878500, AA978232, AI832270, AA632775, AW438405, AA229483, AA223082, AA689249, AI366023, AI709394, AA541550, AA888285, AA745556, AA095476, AI832355, AA886596, AA486974, AA216175, AA602242, AA640469, AA654821, AI888487, AA149603, AA513233, AA635254, AI582341, AI064907, AA165016, AA659277, AA566024, AA640561, AA595864, AA091446, AI064797, AA193142, AA558762, AA224000, C18031, AA627260, AW238393, AA112897, AI653760, C18852,</p>
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			AA630170, C18231, AA594949, AW081962, AA148381, AA630259, C17988, AA504683, AI133314, C17170, AA496598, AA664578, AI720552, AA642163, AI832732, AI832340, AA721533, AA659265, AA522984, AW062515, AA091197, AA092811, AW275829, AA669077, AI924211, AA094304, AA197080, AI536118, AA293391, AA879049, AA076526, AI750150, AW270021, AA248521, AI459425, AA578589, AA093200, AA469406, AA079089, AI124928, AI720986, AA247210, AA887028, AW390463, AI064836, AI434498, AA643797, AA486180, AA095860, AW385222, AW188463, AA575977, AW390478, AI253310, AW389679, AA492126, AL037048, AA095848, AI635477, AI525065, AW377099, AA887030, AA081861, AW176708, AI912529, AW238554, AA610388, AA095651, AA886490, AA548849, AA172233, AW004905, C14174, AI628930, AA485848, AA618334, AI133289, AA715869, AA737110, AA459176, AA533828, AA550932, AI880409, AA093878, AI557565, AA492518, AA493969, AI557197, AA530955, AI683207, AA098789, AI000746, AI215649, AI720912, AA291026, AA468098, AA526350, AI620571, AA845722, AA879152, AI028073, AW149630, AA091047, AA468404, AA089795, AW168232, AA650306, AA285306, AA112030, AA729085, AW379318, AW419429, AA493842, AW166013, AI766356, AI204214, AA679857, AA095843, AI523371, AA487595, AW238748, AA630251, AI557254, AA225169, AI535913, AW361141, AI819696, AW401887, AL036471, AA090461, X62996, X93334, V00662, J01415, D38112, AF134583, S55589, D38116, X93335, D38113, X93347, D38114, Y17171, Y17179
915	HCRPQ66	875150	Preferably excluded from the

916	HE9RN07	875151	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 272 of SEQ ID NO:915, b is an integer of 15 to 286, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:915, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1046 of SEQ ID NO:916, b is an integer of 15 to 1060, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:916, and where b is greater than or equal to a + 14.</p>	<p>AL120820, AI114879, AA305044, AA216697, F12227, T66356, W22473, AA477705, AF156488, AF176228, AF156487, AL035071, AF129267, AF129268, AF129269</p>
917	HDQEJ55	875154	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 699 of SEQ ID NO:917, b is an integer of 15 to 713, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:917, and where b is greater than or equal to a + 14.</p>	<p>AA315836, AA436804, AI609528, AI358912, AI813498, AI094843, AI361926, AI123843, AI744918</p>
918	HCYBI95	875156	Preferably excluded from the	<p>AA305248, N54839, R19266, AL138192, D81026,</p>

<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 581 of SEQ ID NO:918, b is an integer of 15 to 595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:918, and where b is greater than or equal to a + 14.</p>	<p>D80164, D80043, D51060, D80133, D80195, D80522, D59502, D59275, C14014, AI903219, C14389, D80391, D80022, D59787, D81030, AA305409, D59467, D80227, D80196, C15076, D80248, D59859, D80269, D80166, D58283, D80193, D59619, D80210, D80240, D80045, D50979, C14331, AA514186, D51423, D51799, D80253, D80366, AA305578, D80212, D50995, D80038, D80024, D80219, D80188, D51022, AA514188, D59927, D80302, D80251, AW377671, D57483, D59610, D80378, D80247, D59889, C06015, D80268, T11417, D80439, AW360811, AW177440, D80241, C14429, AW178893, AW178983, AW375405, D51103, D59373, T03269, C05695, AW178906, AW366296, AW179328, AW360844, AW360817, C75259, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D80157, F13647, AW378532, D80258, AW360834, AW177501, AW177511, D51759, D80132, AW352171, AW377676, AW367967, D59653, AW352170, AW177731, AW178907, AW378528, AW178762, AW179019, AW179024, D80134, D51250, AW176467, D80014, AW360841, AW177505, D58253, AW179020, AW178775, AW369651, AW178909, T48593, AW177456, AW179329, AW178980, AW178914, AW177733, AW178908, AW178754, AW179018, AW352158, AI525923, AW352117, H67854, D45260, D81111, AW178774, C14227, D59503, AW352120, D59627, H67866, AW179004, AA809122, AW179012, AW378525, AW352163, D58246, C03092, T03116, D58101, AW378543, AW177728, AW352174, AI535686, D80064, AW179009, AW178911, AW367950, AW177722, AW177734, AW378540, AI910186, AA514184, D59551, D59317, AI535959, AW178781, AI905856, C14077, D45273, D51221, AI525917, D51213, C14407, AW178986, C14973, C14344, AW378533, AI535850, T03048, D59474, AI557774, AI525920, AI525227, D60010, AW177723, D60214, AI525925, Z21582,</p>
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919	HCUDX92	875157	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 264 of SEQ ID NO:919, b is an integer of 15 to 278, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:919, and where b is greater than or equal to a + 14.</p>	<p>C14957, C14046, AI525242, AI525235, C14298, D80168, AW378539, AI557751, D59695, AI525912, AW179011, AA285331, C16955, D52291, AI525215, T02868, H67858, AW378542, D31458, C05763, Z33452, T02974, AI525237, AI525222, D51097, Z30160, C13958, AW360855, C04682, AI525928, AF058696, A84916, AB028859, AJ132110, AF135022, AF105332, AB033042, A62298, A62300, AR018138, AR008278, A82595, AR060385, AB002449, X67155, Y17188, A94995, D26022, Y12724, A25909, I50126, A67220, D89785, A78862, D34614, AR008443, I50132, I50128, I50133, D88547, AR066488, AR016514, AR060138, A45456, A26615, AR052274, I14842, X82626, AR016808, Y09669, A43192, A43190, AR038669, AR066487, AR054175, A30438, Y17187, X68127, AR025207, A63261, D50010, AR066490, AR008277, AR008281, I82448, I18367, AR062872, A70867, AR016691, AR016690, U46128, AR008408, I79511, A64136, A68321, D13509, AR060133, AB012117, Z82022, AF123263, AR032065, U79457, AR060382, AR008382</p> <p>AI300507, AA503459, H82845, H90328, AA114131, AA356280, AA372548, AC002369, AF053356, AC007537, AL024498, Z85986, AL022165</p>
920	HCRON75	875160	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI934274, AI469768, AI084500, AI278335, AA040586, AW192311, AI015787, AW005485, AW273459, AA938464, AI241303, AA479214.</p>

921	HWLN94	875165	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 333 of SEQ ID NO:920, b is an integer of 15 to 347, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:920, and where b is greater than or equal to a + 14.</p>	<p>AI282749, AA452413, AI799916, AA432193, AA995903, AI004146, AA902306, AW341825, AI302646, AA730505, AI400390, AI868755, T40774, W02777, AI038039, AA013109, AI537782, H07058, AA877238, AA182799, AI418984, AA017529, T48214, AA978013, AI911851, AA776891, AW304390, AW006644, N75836, AI084476, AA232952, AA479122, AI932697, AW196023, AI208222, F04445, F01828, AI130678, AW190128, T40963, AA644390, AA058919, AI122868, AI087324, AA369059, AA243728, AI561065, AI921425, AI828356, AA057173, AI803455, N35151, AI597644, AA354898, AI336533, AI620708, AA235996, N23222, AI816733, W60616, AA587281, AA954671, AI859497, AI357056, AW129922, N69671, AI066552, AI434169, AA194995, C01287, AA243833, AA418568, AA779835, AA418584, H43864, H53350, AA253056, R85536, R75653, AA629185, W24835, AA040558, AA789172, AA194809, AA535768, AA479121, W07476</p> <p>AC005300, AC006946</p>
922	HCRPY40	875174	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 139 of SEQ ID NO:921, b is an integer of 15 to 153, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:921, and where b is greater than or equal to a + 14.</p>	<p>AL045916, AI014550, AW205277, AA775845, AI051916, AI381892, AI424322, N35376, AI810456, AA847552, AI910984, AI332893, AA885257, T60096, AI633075, F03985, AA664513, AA044225, AI868555, R44429, AA906159, L13832, AA971914, C14356,</p>

923	HHEXW67	875177	<p>is any integer between 1 to 916 of SEQ ID NO:922, b is an integer of 15 to 930, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:922, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1344 of SEQ ID NO:923, b is an integer of 15 to 1358, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:923, and where b is greater than or equal to a + 14.</p>	<p>AA947838</p> <p>AA534865, AI972721, AW024640, AI686105, AI910871, AA777027, AI540070, AA424285, AI972994, AI581903, AA788840, AI005416, AI160974, AA424484, AI273568, AI222356, AA514202, W92744, R44594, AA383997, AI202893, W92867, AA679683, AI624954, AI695910, AA928816</p>
924	HWLNH10	875178	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 65 of SEQ ID NO:924, b is an integer of 15 to 79, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:924, and where b is greater than or equal to a + 14.</p>	
925	HDQEG93	875182	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI991109, AI573169, AI554809, AA149006, AI733786, AI858718, AW176660, AI623804, AI557053, AA565141, AF170583, AF124439, AF124438, AF035527</p>

926	HWLQT75	875190	<p>is any integer between 1 to 1412 of SEQ ID NO:925, b is an integer of 15 to 1426, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:925, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 710 of SEQ ID NO:926, b is an integer of 15 to 724, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:926, and where b is greater than or equal to a + 14.</p>	<p>AI339754, AA838377, N31598, D60056, R61377, AA873785, Z39347, T65060, F02714, D52625, H28582, F09593, W32712, AA056512</p>
927	HCRND03	875192	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 627 of SEQ ID NO:927, b is an integer of 15 to 641, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:927, and where b is greater than or equal to a + 14.</p>	<p>AI983632, AW025267, AW272316, AA659262, AA470678, AI890777, AI024574, AA079193, AI803969, AI246363, AI457170, AA465701, AI582165, AI831362, AW242145, AI804441, AW148727, AI689403, AA468711, AA613031, AI923319, N70510, H89293, AW383254, AW383251, AI351905, AA868078, AA730699, AA878423, AA633449, AA652754, AW383221, AI933556, AW383199, AI521443, AC006116, U83880</p>
928	HCWUO91	875194	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI291811, AI146716, AI334351, AW263730, AI192996, AI354288, AI333609, AI191011, AI082067, AW044117, AI868502, AI470433, AI038323, AI342187, AI241881, AI218348, AI808344, AI741256, AI192718, AI760268,</p>

929	HDTIP90	875197	<p>is any integer between 1 to 231 of SEQ ID NO:928, b is an integer of 15 to 245, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:928, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 283 of SEQ ID NO:929, b is an integer of 15 to 297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:929, and where b is greater than or equal to a + 14.</p>	<p>AI334089, W69457, Z20835, Z20837, Z20838, Z20843, Z20805, N91135, N41765, W87873, AR069078, AF102166, A75045, A75047, A75048, A75053, A75017</p> <p>AA425118, AA425874, AA010299, AA865829, N29860, AI339732, AA010300, AA768334, AI937125, AI383487, AI200629, AI140022, H94387, N64200, AI094333</p>
930	HE9TA31	875198	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 565 of SEQ ID NO:930, b is an integer of 15 to 579, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:930, and where b is greater than or equal to a + 14.</p>	
931	HFPBV89	875200	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	AA814573, U75285, AC004953, AL137100

932	HWLQZ89	875203	<p>is any integer between 1 to 656 of SEQ ID NO:931, b is an integer of 15 to 670, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:931, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1741 of SEQ ID NO:932, b is an integer of 15 to 1755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:932, and where b is greater than or equal to a + 14.</p>	<p>AA431391, AA432383, AI090273, AI367314, AL120232, AI298212, AW378278, AI827602, W56760, AW207297, N46844, H79222, W38605, AI244214, W56715, AI218032, AI873993, H79131, AI193942, AI263537, AA733211, AA812972, Z21456</p>
933	HCRMY90	875205	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 676 of SEQ ID NO:933, b is an integer of 15 to 690, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:933, and where b is greater than or equal to a + 14.</p>	<p>AI097657, AI005046, AA813340, AI636914, AI097487, AI493211, AI697153, AI953943, AI378904, AI924159, AI400885, AI493292, AI082107, F30829, R48330, AI309912, H09783, H42982, H18103, AI917833, H20981, AI769442, AI675984, AI862392, AW002435, AI373073, AA862505, AI370933, AI671314, AI273239, N24904, AI341347, N89740, AI700912, AI284290, AI970259, AI872066, AA689333, AA569844, AI206326, AA490593, AI830751, AI420771, H82710, AI681752, H53425, AI263143, R01657, F04440, AI124601, H46265, AA742975, AI637720, AI672283, AI692305, AI969072, AW044491, AI971840, H24582, H47917, AI660826, F36522, AL119429, R42512, F05030, R60010, AI334587, AI568437, AI636598, AI972728, AI698094, AA448948, AI919147, H73765, R35079, AI937157, H81810, H46366, AI264374, R40749,</p>

AI302145, AI814203, AA579984, H08629, AI241253,
N70758, AI784637, AA445972, AA831362, AA449675,
AI962774, N73289, AA742512, F04519, H81808,
H45607, N36026, AW129948, AA371633, AI918943,
AI457339, AI202352, AW292465, W44502, AA976901,
H74148, W32735, AI869367, AI538764, AI554245,
AI890833, AI364788, AI633073, AI654276,
AI567769, AI270099, AI312428, AI590603,
AI610114, R36271, AL120853, AA719425, AL135025,
AI963068, AL045620, AA808096, AW022682,
AI868831, AI612913, AI250293, AL048656,
AI497733, AW074993, AI349614, AA640779,
AI282326, AA572758, AI312152, AW075084,
AI349937, AI340603, AI954183, AI500061,
AL036187, AI307708, AI569583, AW274192,
AI635492, AI932953, AL079963, AA225339,
AL036638, AL036802, AL119863, AI340519,
AI348897, AI612920, AI800384, AI340582,
AI564765, AI334450, AI680280, AW071417,
AL036274, AI814087, AI160954, AI631107,
AI281837, AI801523, AI318569, AW020693,
AA427700, AI523806, AI475371, AI349645,
AW089572, AI815855, AW079572, AL047422,
AI828583, AL041150, AI368868, AI811353,
AI630252, AI309401, AI627988, AI249375,
AW403717, AW302965, AL134999, AI343112,
AI826225, AI445165, AI811785, AW268220,
AI349598, AL036631, AW023590, AI349256,
AI589998, AW151136, AI345735, AI783504,
AI929108, AI620284, AI923989, AL036361,
AI921248, AI334884, AI571909, AI619502,
AI335426, AI802542, AI348777, AI699865,
AI348854, AI499285, AW026882, AL038445,
AI698391, AI345543, AI815232, AL036901,
AI251221, AI500077, AI284517, AI064830, F36033,
AI433157, AI702073, AI567351, AL039086,

	AW302992, AW268253, AI862144, AW081449, AI567612, AI345463, AI288285, AL048323, AL036396, AL048340, AI950664, AI819326, AI683099, AI343059, AW129689, AI500659, AI624206, AI873613, AL050223, AF135372, I77040, Y09972, X70685, AF113690, U42766, A08916, I89947, AF090900, AL133560, A08910, I48978, AF113677, AL049314, S78214, AL137550, A08909, AL137521, AL049452, I89931, AL133016, A03736, X63574, AF111851, A77033, A77035, A07647, AF177401, A08913, AL133640, AL133557, AF091084, AF113019, AJ000937, AL117457, E12747, AL110225, Y11254, AL137459, AL117460, AF100931, AF097996, I33392, AF113691, AL050116, AL096744, AF026816, I48979, I03321, AF158248, AF118070, AL137480, I49625, AL122050, AL137271, AF146568, AL122093, AL133565, AF118064, X62580, AF111849, AF079765, AL110280, Y16645, AR059958, E07108, AL049430, AB007812, L31396, L31397, AF061943, AB019565, X82434, AF017437, AF090943, AJ238278, X84990, AF113013, AF125948, AF090901, AL117435, AL122121, A08912, AR038969, AF078844, AF067728, AF132676, AL049382, AF061836, AF090903, I00734, S61953, AR011880, E05822, AF087943, AL110197, AF026124, AL050277, E00617, E00717, E00778, U68387, AL050146, AF090896, AL133606, X96540, AF090934, AL050024, AL133075, AL117394, AL080124, AF057300, AF057299, X72889, Y11587, AL133080, AL117583, AL050149, S68736, AL133568, A58524, A58523, AL049466, AR038854, AF113699, AJ242859, AL137538, AF017152, AL050108, AL050393, U35846, I26207, AF113694, AL137557, AF125949, AF113676, U00763, X98834, AL122123, AL122110, A65341, AL049300, AR000496, U39656, U78525, AF106657, AL133113, Y10080, AF106862, A93016, E03348, AF113689, AL133093, E02349,

				<p>U58996, AL122098, AL110221, I09499, E02221, AL080060, AL137526, AL110196, AL049464, AL110222, AF061573, AL049938, AF183393, AF153205, AL137533, AL080137, AL137527, Y07905, U91329, U72620, E07361, AF118094, AL049283, AL137560, AL080074, L30117, AL137648, X65873, AF003737, AL133067, A93350, AF104032, AF054599, AL137665, AL133104, X87582, U67958, Z82022, E15569, AL117585, AL133014, U80742, A12297, AL137463, AF162270, AF111112, AF119337, L19437, I42402, AL137529, E08631, AF185576, AL133072, AF008439, AJ012755, AC006840, AJ006417, AL137292, A90832, M30514, AL133098, AL133077, AL137429, AL122049, I09360, Z72491, E04233, AF079763, AL117432, AL137556, AL080159, AF210052, Z37987, AL080127, U96683, Y14314, A45787, AL117440, AL050092, AL050138, X93495, AL137476, E08263, E08264, AF106827, AL133665, AL137273, AF126247, AL137478, X52128, AL080148, AL137294, Y10655, AL050172, AF030513, W44503, AA706537, AA723577</p>
934	HNBTB35	875206	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1697 of SEQ ID NO:934, b is an integer of 15 to 1711, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:934, and where b is greater than or equal to a + 14.</p>	<p>AI884729, W81653, AW182472, AA316800, AI499650, W81654, AA340783, AW079879, AI889685, AA172137, AI889690, R12690, AW014526, AW296129, Z17347, R16432, AW170446, AA243050, AI270013, AI902413, AA524041, AI906269, AF098915, AF116571, AF083105, AR060647, AR060646, AR060642, AF149301, AB006329, AJ0000740</p>
935	HCQAW68	875208	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AW173026, AI521274, N49409, AA418271, H63962, AA009947, AA808598, AW043579, AW183055, AA478576, AA847893, AA885985, AI417159,</p>

936	HWLRR89	875209	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 856 of SEQ ID NO:935, b is an integer of 15 to 870, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:935, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 429 of SEQ ID NO:936, b is an integer of 15 to 443, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:936, and where b is greater than or equal to a + 14.</p>	<p>AI950883, AI089360, AA505961, AI468599, AI379044, AI027938, AI333775, AA255751, AW292700, AI972464, N49499, AA173415, W31503, AI678423, AW193647, AA470626, AA456887, AI741193, D30922, AI262232, AA417796, R94806, R94723, AI703182, D31568, AA478711, AA335529, AI004158, AA173505, W94077, N87822, W94078, AC006557</p> <p>W68407, AA513541, W68295, R05299, H43627, N64587, H91844, AI689019, AA747243, F13749, AW167154, AA569065, AI135643, AA229444, AA579184, AA226584, F27015, AA563770, AI859280, AI499472, AI598003, AI751162, AI364809, AA663692, AW162288, AA311156, AW245179, AI955703, AA587641, AA461308, H79676, AA130647, AA178955, AA176717, H62670, AI696793, AA229464, AA644320, AA715878, AL037050, AA584603, AA934680, AA658320, AA346586, AI014361, AI829331, AI699060, W45298, AA904137, AA055918, AA365586, AA610660, AA745337, AA574442, T05319, AA172191, W45283, R23352, AA488620, AI929243, AA831904, AA501418, AI299050, F32893, AC000070, AC000052, S42655, AL035683, AC004019, M87918, AC006211, AL049780, AC006530, AL022316, AL133448, AP000689, L44140, AF196779, Z82180, AC005756, AC009946, U02068, AC000015, AP000556, AC009069, AC005786, AL031255, AC004876, AL133353, AC003964, AC005498, AC003108, AC002418, U73649, AF064858, AL031733, AC005874, AF134471, AC006050, AL121653, AF129756, AL031003, AC021092, AC006039, AC004386, AL021546, AF109907, AC004859, AC002504, Z83826, AC006238, AF045555, AC004211, AL049776, AL109654, AL117536, AC005081, AC009509, AC005971, AC005225, AL109984, AC006079,</p>
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937	HEICC11	875210	Preferably excluded from the	AL031311, AC008115, AC005703, AL022329, AC007055, AC004099, AC005920, AJ003147, AB003151, AL050332, AL022328, AL022163, AF001549, AP000356, AC000025, AB023050, Z98051, AL031662, AL031283, AL008719, AC005746, AC005531, AB014084, U07563, AC004253, AC003119, AP000511, AC007487, AC004921, AC005839, AC007386, AC004913, AC002301, AL009182, AC003684, AC004638, AL023879, AL109798, AC005104, AL031681, AF084941, AL008735, AC006597, AC005291, AC004794, AC005837, AC004854, AL023513, AC004812, Y16790, AC005562, AC006511, AL078477, M58600, AC002425, Z83819, AL022578, AL021366, AC004496, AL022320, AC004079, AL078472, AC005726, AC007136, AC003110, AC005257, AL031670, AC006141, AF064866, Z97056, U95742, AC005915, AC010072, AL121603, AC005089, AC005808, AC003664, AC005369, AC004207, AC000075, AL031228, AC005512, AC007229, AC005755, AL031594, AL122003, AC005479, AC006376, AC007308, AL117258, AC005387, AC004821, AC003692, AC005209, AL031589, AL050343, U47924, AC005527, AC002470, AC005988, AL020997, AL035587, L35485, AC005740, AC002091, AL080243, AC005480, AC007011, AC007435, U91325, AF207550, AC002070, AL023807, U14705, U95739, AL024498, AR000118, AL135744, AC004678, AC006285, AF134726, AC003101, AC002558, AC006111, AL034418, AC004687, AC004931, AC005529, AC006257, AP000114, AP000046, L47234, Z70289, AC005800, AC009516, AC005288, Z68162, AC004132, AC003958, AC004263, AC004778, AL034420, Z82198, AC005759, AL133163, AC006001, AF043945, AC007191, AC004167, AL008635, AL049642 AI822096, AW055351, AW025170, AI738870, N74105,
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938	HOHAU31	875211	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:937, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:937, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1151 of SEQ ID NO:938, b is an integer of 15 to 1165, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:938, and where b is greater than or equal to a + 14.</p>	<p>AI908453, AW167780, T20232</p> <p>AI082833, AI338355, AI380850, AA442723, AI126571, AA977252, AI796807, AA744566, AI498240, AI869676, AA804766, AI356565, AA393967, AI937681, AI141830, AI362778, AI962284, AA769508, AI266381, N68361, AA648745, AI628738, AI937696, N93235, AI566330, AA837210, AA488188, AA400818, AA768792, AA010778, AW135635, AA011186, AI937706, AA456354, AI740716, AI633524, W25092, AA401161, AA402881, AA454705, AI765112, AA806815, N94030, AI347193, R38452, AI392957, R36533, AA247860, AI802287, AA910408, AW365114, D87957</p>
939	HHEVA12	875214	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:939, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:939, and where b is greater than or equal to a + 14.</p>	<p>H82458, AI807402, AI702959, AI828066, AA844652, AI990582, AI867867, AI650779, AI783685, AI823816, AI763024, AI703213, AI394033, AW450682, AA932131, AA631102, AA883441, AI245841, AI202267, AI798617, AI680581, AI399658, AA962795, AI351810, AI433871, AI953582, AA308767, AJ006591</p>
940	HWLPE33	875215	Preferably excluded from the	<p>AW148699, AA037650, AI560082, AI270751,</p>

<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 918 of SEQ ID NO:940, b is an integer of 15 to 932, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:940, and where b is greater than or equal to a + 14.</p>	<p>AA534005, AA026583, H47850, AI805489, N44186, R49805, AA229478, AI584148, AA578254, AA897016, R49846, H47851, AA592942, AI220276, AA654482, AI682899, AA297498, AI342677, F23294, AW392414, AA362349, AA704009, AA832025, AW162750, AA362348, AC006121, AC005089, AL122020, AL133245, AL031680, AC004913, AC003043, AL034420, AC005920, AC005632, M87889, AF124523, AF073485, Z99716, AC005881, AC002542, AP000687, AL135783, AL035461, AC006130, AC005921, AC007537, AC002477, AC004491, AC004181, AC005694, AL022302, AC005919, AL035415, AC004883, AC005844, Z98941, AL117258, AC004821, AC005940, AL022336, Z99127, AL031255, AC004685, Z97630, AL135744, AL049843, AB000876, AC001227, AC004149, AC007435, AL096701, AC003958, AC004859, AC002350, AC007216, AC005081, AC005387, AL121658, AL109963, AC006441, Z83844, AL031005, AC002310, Z98036, AC006241, AF001550, AF200465, U07000, AP000688, U95742, AC005914, AC006285, AC007283, AC004967, AC004791, AC004000, AC005266, AL008583, AF038458, U62317, AC010582, U73638, AC002044, AC004382, AB000882, AP000243, AL049591, AC004814, U52112, AC005253, AL031283, Z73359, AL021707, AC005736, AC007774, AL022721, AC004686, AP000212, AL022316, AL031296, AF205588, AL050341, AC007308, AC005231, AC005102, AC006101, AL022313, AC005730, Y10196, AC002045, AF109907, AL121603, AC003101, AC005911, Y14768, AC006312, AC004148, AC002470, AF001552, AP000509, AC005291, AF111168, AL049699, AC003109, Z85986, AC007685, Z98752, AC006552, AC004876, AP001065, AP000692, AC006111, AC006077, AF001549, U63721, AC005086, AP000505, AL049694, AC004671, AC002351, AF217403, AL033376, AC008372, AC005829,</p>
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941	HCRME38	875223	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 721 of SEQ ID NO:941, b is an integer of 15 to 735, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:941, and where b is greater than or equal to a + 14.</p>	<p>AC004815, AL049780, AL136295, AC004874, AC005037, AC006509, AC005826, AC005529, AL021391, AP000689, AC005527, Z94801, AC005399, AC016027, AL008726, AL050348, AC006141, AD000092, AL121769</p> <p>AA357892, AA352090, AA169706, N48669</p>
942	HUSFH63	875226	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 844 of SEQ ID NO:942, b is an integer of 15 to 858, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:942, and where b is greater than or equal to a + 14.</p>	<p>AI989470, AI739105, AW003166, AW450745, AI798962, AI394656, AI762864, AI090267, AI650759, AI360003, AW451412, AI332832, AA639490, AW448996, H22460, AI659730, AI243133, AA700052, AA922300, AI276808, AA481892, W80881, AW196339, AW001627, W80754, AA887717, W76370, AA490319, AI362569, W72312, AA490418, AA922615, F33362, AA379821, AA947197, W57568, Z41493, AA216710, AA218589, AI631175, AW081873, AW235387, AA937923, AA868799</p>
943	HMWDC2 8	875228	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1331 of SEQ ID NO:943, b is an integer of</p>	<p>AW194969, W52839, AI521938, W81166, AI199267, R68505, N47371, W81165, AI827849, AA086195, R46033, AI816972, T64991, AI797732</p>

944	HUVDJ48	875236	<p>15 to 1345, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:943, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1815 of SEQ ID NO:944, b is an integer of 15 to 1829, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:944, and where b is greater than or equal to a + 14.</p>	AI479925, AI886110	
945	HCQBE84	875238	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 374 of SEQ ID NO:945, b is an integer of 15 to 388, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:945, and where b is greater than or equal to a + 14.</p>	T81835	
946	HCYBJ39	875239	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:946, b is an integer of</p>	<p>AI739548, AI220390, AA242763, AA242742, AI280472, N29550, AI474281, AA305458, N42160, AW295694, AI376757, AI051056, D59275, C14389, D51423, D51799, D59859, D80164, D80038, D80195, D59467, D80227, D59502, C14331, D58283, D80022, D80166, C15076, D80253, D59619, D80210, D80391, D80240, D81030, D80043, D59787, D80269, D80024,</p>	

<p>15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:946, and where b is greater than or equal to a + 14.</p>	<p>D80212, D50979, D59889, D80193, D80196, D80188, D80219, D57483, D59927, D80366, D80378, AA305409, D80045, D50995, D59610, AA305578, C14429, D51060, D80241, T03269, D51022, AW178893, C14014, D81026, AW179328, C75259, D80251, AW177440, AA514188, AW378532, D80134, D80248, D80522, AW178775, D80133, AW369651, AW360811, AW178762, AA514186, D51250, D52291, D59695, F13647, AW352158, D58253, AW375405, AW377671, AW177501, AI910186, AW177511, D80168, AW366296, C14227, AW360844, AW179023, AW360817, AW375406, AW378534, C05695, AW179332, D51079, AW377672, AW178905, D80268, D81111, AW352117, D80132, AI905856, C14298, AW176467, D80302, AW179020, C14407, AW352171, AW179019, D59373, AW377676, D80439, AW352170, AW177731, AW178907, AW179024, AW360834, D80247, AW177505, D51103, AW178906, AW378540, AW360841, AW178909, AW177456, Z21582, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, T11417, AW352174, AW179012, AW179004, AW178914, AW378525, AW367967, D80157, AA285331, C06015, D51097, AW177728, AW179009, D51759, AW178774, AW178911, AW378543, AW177722, AW352163, D59503, AI557751, AW178983, AW178781, D59627, T48593, AI557774, D58101, D59653, D45260, AW177723, AW352120, H67854, AA809122, AI535850, C03092, H67866, AI525923, AW378533, D59317, AW178986, AW367950, C14975, AI535686, D51213, T03116, T02974, D80258, AI525917, D45273, D58246, D80014, C14344, C14973, D80064, AI525920, D51221, D59551, D59474, D60010, AA514184, D60214, AW177734, AI525227, D50981, C14957, AI525235, C14046, AI525242, AI525925, T03048, AI525912, C16955, AW378539, AI525215, AI525222, AW378542, C05763, Z33452, AI525237, AF064104,</p>
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947	HCRMW5 0	875240	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 739 of SEQ ID NO:947, b is an integer of 15 to 753, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:947, and where b is greater than or equal to a + 14.</p>	<p>AF064105, AF023158, AC006024, AC004899, A84916, A62300, A62298, AJ132110, AR018138, AF058696, AB028859, X67155, Y17188, D26022, A25909, AR008278, A67220, D89785, A78862, D34614, I82448, D88547, X82626, Y12724, AR025207, AR060385, A82595, A94995, AB002449, I50126, AR008443, AR016808, AB012117, I50132, I50128, I50133, X68127, AR066488, AR016514, I14842, A85396, AR066482, AR060138, A44171, A45456, A26615, AR052274, A85477, I19525, A86792, U87250, Y09669, A43192, A43190, AR038669, AR066490, X93549, AR066487, AR054175, A30438, I18367, Y17187, X64588, A63261, D50010, AR008277, AR008281, I79511, D88507, AR062872, A70867, AR016691, AR016690, U46128, AR008408, A64136, A68321, D13509, AR060133, AF135125, Z82022, U87247, AF123263, AR060382, AR032065, U79457, AB033111, X93535, AR008382</p> <p>AA700211, AI924174, AA393151, AA435564, AA372370, AA380857, AA381081, AA302773, AA070279, N42187, AA054463, AL035301, Z97195</p>
948	HCQDF84	875246	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 898 of</p>	<p>AA776462, AW129423, AI969716, AA989719, AA535427, AA160871, AA015965, AA749060, AI962767, AW192584, AI288894, AA954800, AI767952, N43845, T67088, R00572, T52847, T06646</p>

949	HNHOD84	875253	<p>SEQ ID NO:948, b is an integer of 15 to 912, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:948, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of SEQ ID NO:949, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:949, and where b is greater than or equal to a + 14.</p>	AA515440, AA448050, AA252729, AI274692, AA569065, AA456937, AI038990, AA715004, AA070456, AI039393, AA367788, AI799545, AI635196, AC006530, AC005081, AC006312, U47924, AC002352, AC006273, AC007227, AF064858, AC002350, AL121578, AC005839, AC004477, AC007773, AL021578, AC002301, AC004595, AL031257, AC002558, AL031667, AL050332, AC005015, AC007919, AC007993, AC006512, Z94801, AL021366, AC005820, AC004686, AL035587, AC007546, AC007199, AC002470, AC004890, AC004905, AC009263, AC005041, AP000557, U82828, AC005358, AC006480, AC004841, AC007051, AP000269, AC007308, AC005971, AC008018, AL031282, AL049569, AC005527, AC006285, AC007371, AP000550, AP000103, AC007114, AF111169, AC006430, AC005189, AC005274, AC002349, AC002115, AL034423, AC007358, AP000502, AC005539, AC002073, AP000010, AC012627, AC005921, AL049776, AC006996, AJ003147, AL031311, AC004883, AC003080, AC004467, AC004685, AF055066, AL049697, AL035448, AC004882, AL109628, AC006356, Z93017, AL136295, AL121653, AC005857, AC005544, AC005911, AC005529, AL049869, AC005258, AL008582, AC007221, AC005064, Z84488, AC006111, AL031431, AC003003, Z85996, AP000432, AL049636, M90058, AC004623, AC004887, AC000159, AL022323, AL034429, AC005562, AL049709, AL023513, AC004000, AC008079, AL034379, Z49237, AC007298,
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950	HACCF57	875254	<p>AP000115, AC007283, AC004552, AF038458, AC008273, AC005919, AC002425, AL049795, AC005783, AC005046, L44140, AC006115, AL021939, AC004383, AL031432, AC006538, AC005089, AC002996, AL035422, AC005913, AL020993, AC004554, Z98884, AP000961, AL034420, AC005300, AC000004, AC005747, AL121603, AC007193, AL021707, AC005940, AC007055, AC005345, AL031279, AL049761, AC016025, AC005335, AC005520, AC006128, AC002039, AL023575, AC005696, Z75744, AC008394, Z82244, AC004010, AL132642, Z83840, AL096774, AC007537, AL022163, AP000555, AC005630, AL080243, AL035681, AC006966, AC000070, AL035079, AL122020, AP000503, AC004024, AL035555, Z84469, AC007204, AC010206, AC008080, AL096775, AC006539, AC005901, AL031230, AP000553, AC008116, AC002310, AL031388, AC006211, AL049834, AC004812, AL024506, AF030876, AF047825, AL031466, AL022318, AC005953, AC005086, AL035659, AC006077, U95739, AC005900, AC005488, AC006042, AC005844, AC006057, AP000356, AC005229, AL033525, AC002119, AL121825, AP000513, Z97181, AC006130, AL049837, AL133245, AL035697, AC005772, Z98051, Z99128, AC006146, Z82215, Z97183, AL035462, AC005184, AC004526, AL139054, AC000085, AC004745, AC006058, AC005878, AI190289, AI269506, AI266578, AI269675, AW271406, H79201, AA252407, AA528568, AA370149, AC004968, AL020995, AC006475</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 992 of SEQ ID NO:950, b is an integer of 15 to 1006, where both a and b correspond to the positions of</p>

951	HHPGU61	875261	nucleotide residues shown in SEQ ID NO:950, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1288 of SEQ ID NO:951, b is an integer of 15 to 1302, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:951, and where b is greater than or equal to a + 14.	AL133938, W73204, W73155, AI805317, AA419206, AW173355, AI923361, AI189698, W93728, AI341123, AA569389, AA280531, AI050064, AI569599, AW271616, AA018580, W69901, AI537121, AI830730, AA648501, AI242641, W69902, AA291938, AI870690, AA458785, R16192, AI087886, AA878642, AA747631, R70090, AA747509, AA932013, AI472922, AW079067, AA419138, W93727, R70042, T06392, N40472, AI537448, F02745, T28656, AA971490, N48510, AI982637, AI784630, H82392, AW118143, R16193, H86484, D80096, Y00770, X66533, AF020340
952	HFATS83	875269	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 457 of SEQ ID NO:952, b is an integer of 15 to 471, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:952, and where b is greater than or equal to a + 14.	
953	HAMFL51	875270	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 904 of SEQ ID NO:953, b is an integer of 15 to 918, where both a and b correspond to the positions of	AA337951, AA430987, AW023901, D31891, AF091628

954	HPLBS64	875271	nucleotide residues shown in SEQ ID NO:953, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1669 of SEQ ID NO:954, b is an integer of 15 to 1683, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:954, and where b is greater than or equal to a + 14.	AW083230, W73245, AI805176, W72935, AI860873, AI811648, AI022957, AA126952, AW083518, AA810239, AW183807, AI568191, Z41829, AA368757, R49004, F02867, AI924800, AA764821, T85141, T88703, T03382, R01387, T83486, N99859, AA372901, T83338, AA927856, H95935, N70726, AI392721, AI955362, AC000357
955	HHFGS83	875275	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 105 of SEQ ID NO:955, b is an integer of 15 to 119, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:955, and where b is greater than or equal to a + 14.	
956	HCQAI83	875276	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 337 of SEQ ID NO:956, b is an integer of 15 to 351, where both a and b correspond to the positions of	H95418, Z21176, AI341170, AA331619, AA332051, AI699036

957	HKIAB83	875277	nucleotide residues shown in SEQ ID NO:956, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 361 of SEQ ID NO:957, b is an integer of 15 to 375, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:957, and where b is greater than or equal to a + 14.	R28559, R21765, AI440499, AW317012, AI936766, AA065268, W84822, T77368, AA114092, W84775, AA045419, AL034418, U80737, AF010227, AF016031, AF036892, AF012108
958	HOUAT80	875278	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:958, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:958, and where b is greater than or equal to a + 14.	AA862635, W72675, W93044, AA308526, AA877204, W93172, AI696392, AI572790, W77781, AI683779, AW087469, AW296863, AF086486
959	HCUCG82	875279	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 332 of SEQ ID NO:959, b is an integer of 15 to 346, where both a and b correspond to the positions of	AW167842, AI057032, AA526539

960	HWLMY8 ₃	875280	nucleotide residues shown in SEQ ID NO:959, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:960, b is an integer of 15 to 774, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:960, and where b is greater than or equal to a + 14.	AI620847
961	HHGDB82	875281	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 887 of SEQ ID NO:961, b is an integer of 15 to 901, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:961, and where b is greater than or equal to a + 14.	AI744663, AI459158, AI399947, AI042501, AA005077, R76404, R76743, AI222161
962	HHIEMA27	875282	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1438 of SEQ ID NO:962, b is an integer of 15 to 1452, where both a and b correspond to the positions of	AI672414, AI122760, AI337912, AI090244, AW090300, AI623661, AI742232, AA149420, AI023964, AA975373, AI288904, AA890325, AI458424, W37573, AI984583, AA528775, N32562, AI358102, AW241694, AI038448, AI961291, AA576391, AI672071, AI018389, AA977874, W37448, AA315805, AW189392, H28241, H44349, AA612894, AI277548, H25318, R75904, H89551, AI373653, AA376906, AW366504, AI699774, H89365, AW172758,

963	HWLQS11	875287	nucleotide residues shown in SEQ ID NO:962, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:963, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:963, and where b is greater than or equal to a + 14.	AA345675, AA369319, AA369335, AA369205, AI791888 T55228, AA129314
964	HCRNO87	875288	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 772 of SEQ ID NO:964, b is an integer of 15 to 786, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:964, and where b is greater than or equal to a + 14.	AW392670, AW363220, AW372827, AW384394, AL119497, Z99396, AL042965, AL119319, U46341, AL119457, AL119324, AL119363, AL119484, AL119341, AL119391, AL119355, AL119483, AL119443, AL119496, AL119522, AL119396, U46351, U46349, AL134538, AL119335, U46346, U46350, U46347, AL119418, AL119444, AL042975, AL134533, AL042614, AL037205, AL134920, AL119439, AL043029, AL134532, AL134528, AL134531, AL119399, AL134518, U46345, AL042984, AL042970, AL042450, AL042542, AL043011, AL042544, AL043019, AL042551, AL119464, AL119488, AL043003, A81671, AR060234, AR066494, AB026436, AR054110, AR069079
965	HCROJ83	875292	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1326 of SEQ ID NO:965, b is an integer of	AA932250, AA084323, AA081576

966	HCQDD32	875296	<p>15 to 1340, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:965, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 870 of SEQ ID NO:966, b is an integer of 15 to 884, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:966, and where b is greater than or equal to a + 14.</p>	<p>AA903973, AI369389, AA192180, AA992672, AA973837, AA976064, AI420102, AI431269, AI074883, AI086258, AI718078, H21506, AA910919, AW388254, AA860627, AF196779, AC002470</p>
967	HDPQA93	875303	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1618 of SEQ ID NO:967, b is an integer of 15 to 1632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:967, and where b is greater than or equal to a + 14.</p>	<p>AW385514, AI680084, AW383462, H71830, H71831, AA001764, AA079799, AW022882, H75407, AW371976, AI337917, AA001763, N77408, AW071441, AI819604, AI801942, AA090682, R73712, AA093185, AA766265, H71832, R98356, AW189924, R72364, AA938925, AA568662, AI985177, N54850, AI499252, N72625, AI657092, AI536615, AI141384, AI625581, AA079498, AI793057, H60272, AI220201, AA890506, AC000399</p>
968	HCQDT68	875304	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1578 of SEQ ID NO:968, b is an integer of</p>	<p>AI337917, AI985177, AI801942, AI499252, AW071441, AI625581, AA766265, AW022882, AA938925, AA568662, N94843, N54850, AI657092, AI536615, AI141384, AA079498, R98356, AA001764, AI684821, H71831, AI220201, R73712, N94856, C01783, R72312, AW189924, AI357243, AI819604, R89459, AI540471, AI680084, AA093185, AA090682,</p>

969	HE2RW42	875305	<p>15 to 1592, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:968, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1917 of SEQ ID NO:969, b is an integer of 15 to 1931, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:969, and where b is greater than or equal to a + 14.</p>	<p>AI698429, AW383462, R72364, AW075583, AW385514, H75958, AW371976, N77408</p> <p>AI973007, AA044726, AI912603, AW368067, AI591108, AI304361, AA629391, AA044763, AI693263, AI383983, AI765403, AI452690, AI765415, AW022807, AI687138, W15541, AI921849, AI039238, AA828440, N73899, AA460224, AW160328, AI342940, W31635, AA830160, AA603493, AI540328, H55741, AA913472, AA648460, AI378160, AA911784, AA974711, AI342224, AW129496, AI348335, AA478418, AA701478, AI689148, N64832, AI692531, AA602416, AW129495, AI619537, R94469, H88664, AA292403, AA402343, AW005495, AW129491, H57652, N75940, W05172, H55740, W03962, AW182981, N24346, AI289454, R20310, R94470, AI805703, R64266, H88710, H89663, R20717, AW235449, Z42099, AA010348, T30281, R44317, R57427, AA463788, Z38368, H03530, R46182, H89516, N75854, AA933035, Z20064, N75684, AW129490, AI867961, AA115343, A74487</p> <p>AA503363, AI860667, AW189824, N62619, R55787, Z41236, AB028992</p>
970	HAGDP04	875306	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 729 of SEQ ID NO:970, b is an integer of 15 to 743, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:970, and where b is greater than or equal to a + 14.</p>	
971	HWLRA80	875307	<p>Preferably excluded from the</p>	<p>R93889, AI123939, AA284726, AA948167, H82244,</p>

<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:971, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:971, and where b is greater than or equal to a + 14.</p>	<p>H61797, AA293426, AA293034, AL121270, AL036802, AW104724, AI349772, AL036396, AL040243, AL036146, AI568855, AW071349, AI348897, AI349645, AW162071, AI590128, AI758437, AW071417, AI625079, AL045500, AI538716, AI564719, AI433157, AI635461, AI620284, AW238730, AL119049, AI349256, AI868831, AI349004, AI433976, AW268253, AL119791, AL135661, AW074993, AI340582, AI349614, AI521012, AI500077, AI312152, AI345735, AI475371, AI567351, AI349933, AW103371, AI349937, AW074869, AW089572, AL045903, AL047042, AW301409, AI445432, AL120854, AL036274, AI440426, AI597750, AI064830, AI281779, AI636456, AL047763, AW148320, AI800453, AI800433, AW087445, AL036980, AI439087, AW303152, AI250293, AI678302, AI568870, AW169653, AI499463, AW274192, AI249257, AI682841, AI343112, AL048871, AI275175, AI702406, AI857296, AI702433, AI440239, AL038605, AI633419, AI498579, AI866002, AA508692, AI536685, AI497733, AI281773, AL121014, AI207510, AI274541, AI866608, AA613907, AL040169, AW068845, AI687728, AI269205, AI580984, AI684265, AI224992, AI469532, AI697137, AL121365, AI802542, AI613017, AL036759, AW026882, AW117882, AI282655, AI366549, AW071412, AL046849, AI349598, AI540832, AI271786, AL119828, AL038778, AI610307, AI631107, AI499393, AI818683, AW195957, AW301300, AI445025, AI285735, AI349226, AW268072, AI699857, AI815383, AI436456, AI906328, AL038779, AI687375, AI591311, AI920968, AI608667, AI281762, AI580190, AI628205, AI500659, AI500553, AI921379, AL120736,</p>
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	AI690835, AI753683, AL044207, AA640779, AI863014, AI499131, AI432969, AI687376, AI446628, AI690751, AW302992, AW183130, AW075351, AI340519, AI492540, AI612913, AW118557, AI754897, AI619502, AI969601, AI783504, AL043326, AA225339, AI866780, AI269696, AI934036, AI493248, AI686926, AW168650, AI318280, AW166645, AI610645, AL119748, AI888953, AI866887, AI475134, AI679724, AW151485, AI539771, AL121463, AI811863, AI873731, AI282281, AI679764, AI434281, AI687415, AW080838, AI680113, AI307570, AI524671, AL036361, AI673256, AI671679, AI439745, AI874109, AI569616, AI907070, AI570384, AI609592, AI859733, AI583316, AI889203, AI799305, AI343059, AA572758, AW167776, AI290154, AI567632, AI597918, AI687127, AI636445, AI800411, AW235035, AW085799, AI690480, AI862142, AI934035, AI568854, AI149592, AI869367, AI334902, AI919058, AI889839, AA528822, AI872711, AL042753, AI811353, AW075207, AI312542, AL036240, AI696398, AI560012, AI345778, AW302965, AI818206, AI952114, AW002342, AI799199, AI307466, AI620868, I48979, I89947, AL117457, S78214, AF090934, AF113690, AL122050, AL133640, AL133016, AL133606, AF090903, Y11587, AJ242859, AF090900, AF090901, AF113691, AF090943, AF078844, AF113013, AF118070, AL110196, AF113694, L31396, AL050146, L31397, AF118064, AL049452, AL050393, U42766, AF125949, AF104032, A93016, AL110221, I89931, S68736, AL049938, AL122093, AL117460, AL133075, AL080060, AF113689, AR059958, AL050149, AL137527, X84990, AF090896, A08916, AF106862, AL050116, AF113676, AF113677, AL050108,

972	HWLRC80	875308	Preferably excluded from the	AL049466, A08913, AB019565, AL050277, AF113019, AL133557, AL049314, AF017152, AL096744, AL080124, AL137459, AF113699, Y11254, AL080137, AL137557, X63574, AL122121, I48978, AF111851, AL133565, AF158248, AL122123, AL137283, E03348, AL133080, Y16645, AF146568, AL133093, AL117394, AJ000937, U91329, AR011880, E07361, AF125948, X82434, AL050138, AL049430, AF091084, AL137550, AF097996, I49625, AL110225, AF079765, AL049300, E07108, AF177401, AL133560, A08910, A65341, AJ238278, A77033, A77035, E02349, AL049464, AF017437, U00763, A08912, A08909, AL122098, AL117435, AL117585, A03736, AL050024, AL049382, AL117583, Z82022, AL137271, AF087943, AL137648, AF183393, A58524, A58523, I03321, AL122110, AL049283, X96540, AL137538, U35846, AF067728, AF118094, X70685, S61953, X72889, AL133113, I33392, AL137521, AL137463, X93495, U72620, AL2297, AF095901, U80742, X65873, AL080127, AC007390, AL121603, U67958, X98834, A08911, AL110197, AL137560, AL080159, AF061943, AR038969, AF110520, AF111112, AL096776, AF026816, AL133072, I09360, E05822, I42402, AJ012755, E08263, E08264, AC006840, A93350, AF091512, E15569, I26207, AL122049, AC006371, AC002467, AL133568, AL080074, AL050172, AC004093, AF026124, I66342, AF061981, AC006222, AF119337, E12747, AC004200, AF000145, AF057300, AF057299, AR013797, Y09972, U49908, AL133104, I17767, Y14314, AL137523, Z72491, AL137480, AC006336, AR000496, U39656, AL049776, I00734, Y10655, AC006039, AR038854, E00617, E00717, E00778, Z98036, AC004690, AF16227C, AL133077, AL035587, AL022147, AF003737, U02567, AF111849, U68387, AL133014 AA516214, AA515728, R99613, H68343, AI281401,
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	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:972, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:972, and where b is greater than or equal to a + 14.</p> <p>AA502098, AI636734, AA584183, AI078409, AI439393, AA584493, AI798407, F08866, AA303165, N69226, AW157731, AI567391, AA492114, AA610433, AW381847, AW381904, AL045476, AW051819, R70884, R48980, Z84466, AC006965, AC004991, Z93930, AL035086, AC002302, AC006023, Z85986, Z97056, AC002350, AL049872, AC007536, AL008718, AL121603, AC007057, AC005529, AC006449, AP000694, AC004895, AL049631, AC007199, AP000692, AC002310, AC003689, Z84480, AC004383, AC005527, AC006262, Z82243, AC002072, U95739, AC005015, AC005011, AC002070, AC006146, AC004000, AC007066, AC006236, AC005874, AF134471, AC005332, AL133244, AC005089, AL022238, AL133448, AL031283, AC008372, U91318, AL009183, U63721, AL031584, AC002312, AC006571, AC004593, AP000354, AF047825, AC009542, AC002540, Z93023, AC006455, D87675, AC009330, Z98742, AP000045, AC005740, AC004801, AC007371, AC005826, AC004084, AP000355, AC005562, AC006379, AC005971, AC004765, AP000065, AL021155, AL078477, AL031432, AC004797, AC006039, AF109907, AL139054, Z98052, AL132987, AC006285, AL049760, AC006966, U91326, AL096701, AC002544, AC007308, AC009247, AL049832, AP000068, AP000501, AC005225, AF126403, AC006530, AC005988, AC005005, AC004223, AC002375, AC004933, AC000379, AF038458, AC005702, U82828, AC004491, AC006111, AC005088, AC005482, AC004686, AC000353, AC005753, AP000509, AP000044, AP000112, AL118516, AC000097, AC006547, AL079304, AL035089, AC000025, AF001548, AC005632, AC005291, AL050333, AP000555, AC004125, AP000116, U89337, AL035407, AL021579, AC007130, AC004216, AF030453, AC004805, AC008009, AC005484,</p>
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973	HWBBH79	875309	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 397 of SEQ ID NO:973, b is an integer of 15 to 411, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:973, and where b is greater than or equal to a + 14.</p>	<p>AC007041, AL050318, AL096712, AC005231, AC005412, AC005620, AC003101, AL133371, L78810, AL079342, AC009509, AC005881, AC005023, AC004796, AL008730, AC004024, AF001550, AL021368, AL133245, AC004821, Z98946, AL022396, AC006487, AC007193</p> <p>AA653541, AA864815, AL035587, AC000025, AC005037, AC005527, AC006946, AF047825, AC004921, AC005529, AL031683, AF121781, Z99495, AC005071, AC005722, AC005484, AC007216, AL031255, AC005632, AC005288, AC002549, AC006238, AC004041, U95740, AL009031, AC002326, AC004913, AC005004, AC005829, AC004966, AL109628, AL050318, AL096702, AC004000, AC004655, AD000092, L78810, AL139054, Z85987, AL133245, AL109984, AC003663, AL078584, AC007055, AC006487, AC004491, AP000151, AC003041, AC005531, U91327, AL031657, AP000512, AC006117, AC005839, AF060568, AC005578</p> <p>AI346026, AI962859, AI913561, AI472009, AI310418, AW029442, AI299771, AA211594, AI926843, AW073920, AW002745, AI267539, AA328951, AI439422, AI025251, H89260, R64087, AA401091, R62957, AA443413, H58246, R63010, H02733, H03899, AI590100, H03888, AI174264, R26971, R82805, N50199, H02624, R26739, AI874342, AA709363, AA094718, D82321, AL133603, E16311</p>
974	HJMAF44	875310	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 929 of SEQ ID NO:974, b is an integer of 15 to 943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:974, and where b is greater than or equal to a + 14.</p>	
975	HWLWT47	875311	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI652734, AA579977, AI655783, N75947, AI925248, AW372172, AC000386, AC008165</p>

			is any integer between 1 to 705 of SEQ ID NO:975, b is an integer of 15 to 719, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:975, and where b is greater than or equal to a + 14.	
976	HWLVG85	875312	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 466 of SEQ ID NO:976, b is an integer of 15 to 480, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:976, and where b is greater than or equal to a + 14.	AA403039, AA772356, AA890039, AA706235, AI796685, W56103, AA639769, AA707393, AI971384, AI400642, AI419056, AA931654, AI074056, AA725449, AI278287, AI051080, AA934509, AI056195, AI827412, AA291642, AA252870, AI278795, AI077777, AI344740, AA855074, AA287208, N99681, AA625359, AA707796, AI085793, AA910676, AI375275, AI277706, AA968653, AA482049, AI040845, AA004744, W56146, AA128102, AI038120, AA926651, AI808622, W42934, AI241340, AI419232, AA481865, AA938251, N62191, AI350660, AA846421, AA928335, AA987944, AA805065, AA325681, AI188852, AI266586, AA401330, AI022609, W37593, AI459456, AA514539, AA480369, AA938533, AA694474, AA694542, AA642598, AI085080, R55037, AI719065, AI022981, AI868718, N94983, AW204000, H62802, AA284488, AA125812,
977	HMVDQ41	875313	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1980 of SEQ ID NO:977, b is an integer of 15 to 1994, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:977, and where b is greater than or equal to a + 14.	

			H62716, H41118, AA639530, T49454, T49455, H42251, T36167, AI350924, AA782685, AA252893, AI051453, R10302, AA214099, W86591, N76488, H42250, N59273, R36922, AA781103, AI191721, AA680383, H22403, N71946, W19456, R10303, AA977361, H22370, W42869, R55145, W37488, AI309601, R10631, R10632, N76744, AA213991, T24749, AA725118, R55007, AA090452, AI247921, AW028468, AI084241, H58310, AW058434, AI137496, I76236, I76219, AC005373, AC006584, AF111168, AC010205, V00589, X57170, AC007182, AC007221, AB019437, X06789, J00063, AF193582, AF193580, AF193585, AF193581, AF193586, AF193587, X71804, AF193590, AC006449, X83747, X83748, AF193588, AF193591, X71799, X71800, X71797, X71802, M10817, AC005409, X83746, X12811, AF193592, X12622, X16851, X58365, AC004787, AB015590, X04309, AF099810, AC005284, V00647, L49397, X58368, M35175, X04308, K01374, X58367, M74438, X83749, X63147, J01861, M13919, M13920, K01537, X63146, X63145, V01426, J01009, AC007955, AJ245808, AL050331, X56635, X56631, X63148, V00648, S73106, X56637, M13375, X56632, AB001499, AP000350, X56636, K03511, K03510, AB001495, AB001492, AB001493, AB001494, AB001498, AB001503, M13921, X05867, AB001501, M18680, AC006120, S73107, AF176349, AF176497, AF176498, AF176500, AF176499, X71805, AB007776, AB007777, AB007778, AB007779, AB007780, AB007781, AB007783, AB007784, AL031320, AF176501, X70229, M21177, AC002123, AJ009866 N40168, AA903100, AA983690
978	HCQM79	875316	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a

979	HMSGP80	875319	<p>is any integer between 1 to 597 of SEQ ID NO:978, b is an integer of 15 to 611, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:978, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2483 of SEQ ID NO:979, b is an integer of 15 to 2497, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:979, and where b is greater than or equal to a + 14.</p>	<p>AI936477, AI760800, N51980, AI521742, AA209439, AI374694, AI214467, AI357082, AW242076, AA236684, AA907828, AA465245, AW007908, AA374833, T23960, AI933740, H44856, AA731295, H27880, AI312778, AA465602, AA526524, AA885259, AW130297, N53813, AW379545, AI902418, AI768812, A30438, I25947, U46128, L40401, AJ133038, AR040601</p>
980	HCRNJ78	875324	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 638 of SEQ ID NO:980, b is an integer of 15 to 652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:980, and where b is greater than or equal to a + 14.</p>	<p>AL043536, AA853979, AI885906</p>
981	HWLOY24	875325	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI560615, AA806114, AI274667, AI972210, Z28533, AI249498, AW242125</p>

982	HDQFG33	875331	is any integer between 1 to 309 of SEQ ID NO:981, b is an integer of 15 to 323, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:981, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 389 of SEQ ID NO:982, b is an integer of 15 to 403, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:982, and where b is greater than or equal to a + 14.	AW009946, AW023737, AA868475, AA603869, AI439406, AW376950, AW376951
983	HWBCW8 0	875332	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 754 of SEQ ID NO:983, b is an integer of 15 to 768, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:983, and where b is greater than or equal to a + 14.	W02027, N39337, AI630995, AI083528, AI697051, AI247382, N39162, AI271827, AA872265, AA490895, N29586, H26439, H63435, H50760, T94899, H61515, H69265, R00446, H63383, H68397, H65294, H71156, H62664, H50667, H81984, AI244094, H59693, H62019, H62018, H61498, AA233137, N73997
984	HCRNL77	875336	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AL049780, AC007055

985	H2CBI34	875338	<p>is any integer between 1 to 120 of SEQ ID NO:984, b is an integer of 15 to 134, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:984, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1120 of SEQ ID NO:985, b is an integer of 15 to 1134, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:985, and where b is greater than or equal to a + 14.</p>	<p>AW149514, AI830822, AA313786, AA307529, T39891, AA460891, AW249187, W24503, AA295205, R85532, R85503, AI167901, AW058638</p>
986	HCYBD76	875341	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 733 of SEQ ID NO:986, b is an integer of 15 to 747, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:986, and where b is greater than or equal to a + 14.</p>	<p>AA443424, AA194021, AA305110, AA761642</p>
987	HKMMQ0 8	875346	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>W03527, AI554702, H68064, H30201, AF085882</p>

988	HILCJ69	875347	<p>is any integer between 1 to 596 of SEQ ID NO:987, b is an integer of 15 to 610, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:987, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:988, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:988, and where b is greater than or equal to a + 14.</p>	AA353719, AA369529	
989	HDPGF81	875355	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1467 of SEQ ID NO:989, b is an integer of 15 to 1481, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:989, and where b is greater than or equal to a + 14.</p>	AI799722, AI800618, AI951795, AI361036, AI888307, AI805156, AI889480, AI801367, AI569988, AW338273, AI683381, AI742494, AI289074, AI683749, AI569761, AI433980, AI954055, AA480091, AI878983, AI889033, AI926831, AI581035, AA609522, AW243932, AI811191, AA661720, AI879485, AI598080, AI921223, AA435740, AI498981, AI858952, AI369785, AW157080, AI139320, AW150866, AI370294, AI805420, AI936090, AA847765, AI288335, AI433260, AI358099, AW163049, AI826358, AI678478, AI969161, AW051375, AW192450, AA631244, AA397622, AA877657, AI624185, AA773192, AA621805, AA877463, AI631324, AI688195, AI094479, AA069343, AA040109, AA953868, AA531056, AI748965, AI674371, AI254713, AA719907, AW243826,	

990	HUSGQ41	875356	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 401 of SEQ ID NO:990, b is an integer of 15 to 415, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:990, and where b is greater than or equal to a + 14.</p>	<p>AA044254, AI538053, AW193214, AW087234, AI521053, AI923915, N52689, AW190439, H46483, W57690, AI620841, W02038, AA912451, AI474944, AI918208, T31139, AI561309, AA040108, N49760, T05793, AI926041, T05288, AI657169, AA044278, AA603591, T23448, F04322, AA069342, AA614022, W32237, AI878904, AA904818, H06128, AA523189, AI761161, AA905571, W57691, AA525537, AA594528, AA379468, H54737, AI872060, AW175844, AI801122, AL050221, X67209</p> <p>AA480091, AI879485, AW157080, AI800618, AI799722, AA044254, AI951795, AI361036, AI888307, W57690, AA040108, AI805156, AI889480, AA069342, AA621805, AI801367, AA397622, AA379468, AI954055, AI289074, AI921223, AL050221</p>
991	HPMFC89	875360	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:991, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:991, and where b is greater than or equal to a + 14.</p>	<p>AA706817, AA773629, D51212, N32643, AI082719, AI264019, AI686227, AA922548, AI417059, AA814077, AA459575, AI804037, N23178, AI564799, AA459354, AI432439, W47132, AA410398, AI240317, W47094, AI540566, AI926061, AA588478, N36649, N26018, Z44328, AA804214, AA255499, AW378197, AA993408, AI287595, AA621390, AW362612, N33795, Z40279, AL041421, AA828013, AI565204, AA094833, N24918, AA722135, AW378140, AI758416, AA090679, AA252423, AA252368, AA314490, AI582604, AI379546, AA716597, AA256705, AC007279</p>
992	HWLWK3 7	875364	<p>Preferably excluded from the present invention are one or more</p>	<p>AI769545, AI083549, AA278686, AA969411, AW272214, AI810567, AW139507, AW450854,</p>

993	HSYAG49	875366	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1043 of SEQ ID NO:992, b is an integer of 15 to 1057, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:992, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1081 of SEQ ID NO:993, b is an integer of 15 to 1095, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:993, and where b is greater than or equal to a + 14.</p>	<p>AA888094, AA731153, N50114, T92516, AI686375, AA534901, AA814837, AI701783, AA688070, AA732661, AA651793, AA742239, AA905390, AW401639</p>
994	HAGFQ75	875367	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 364 of SEQ ID NO:994, b is an integer of 15 to 378, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:994, and where b is greater than or equal to a + 14.</p>	<p>AA447252, AI095481, AA452700, AW204320, AI276802, AI648576, AA338661, AI264425, AW301092, AI648446, AA642616, AA158010, R17628, AF050078, AF050079</p> <p>AL008718, AC005899, AL109952, AP000112, AP000044, AL023494, AC005071, AJ003147, AC004836, AF196972, AL109758, AC004526, AC002430, AC002400, AC007384, AC005189, AL117338, AC003006, AL139054</p>
995	HCHMQ74	875371	<p>Preferably excluded from the present invention are one or more</p>	<p>AA305616, AW001611, AC006057</p>

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of SEQ ID NO:995, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:995, and where b is greater than or equal to a + 14.</p>	
996	HCQCL42	875372	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 208 of SEQ ID NO:996, b is an integer of 15 to 222, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:996, and where b is greater than or equal to a + 14.</p>	AA836231, AI694593
997	HHFOB15	875373	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b; where a is any integer between 1 to 758 of SEQ ID NO:997, b is an integer of 15 to 772, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:997, and where b is greater than or equal to a + 14.</p>	AA113257, AA159552, AW387067, AW338817, AI925565, AA847565, Z48314, AJ001402, U06711, AJ001403, AF054584
998	HCRMB64	875377	<p>Preferably excluded from the present invention are one or more</p>	AA777474, AI651999

999	H2LAB72	875378	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 538 of SEQ ID NO:998, b is an integer of 15 to 552, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:998, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 667 of SEQ ID NO:999, b is an integer of 15 to 681, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:999, and where b is greater than or equal to a + 14.</p>	<p>AA284111, AI633503, AI034282, AA584306, AI075794, W46891, AA676660, AI193416, AI918696, AA308007, AI023433, AA778751, W92702, AF154107, AJ245539</p>
1000	HE8OD44	875379	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:1000, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1000, and where b is greater than or equal to a + 14.</p>	<p>AI963880, W42534, AI365508, W42487, AF088031</p>
1001	HCRMZ16	875380	<p>Preferably excluded from the present invention are one or more</p>	<p>R19693, R53125</p>

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 529 of SEQ ID NO:1001, b is an integer of 15 to 543, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1001, and where b is greater than or equal to a + 14.</p>		
1002	HWLMZ75	875381	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 455 of SEQ ID NO:1002, b is an integer of 15 to 469, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1002, and where b is greater than or equal to a + 14.</p>	<p>AI676059, AW170620, AW074092, AW073701, AI580870, AI523736, AW078677, AI9233975, AI393326, AI700229, AW450814, AI671457, AA937534, AI889694, AW339423, AW291875, AA551874, AI682314, AI926227, AW238350, AW088471, AA397375, AI270662</p>	
1003	HWLMT21	875382	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 529 of SEQ ID NO:1003, b is an integer of 15 to 543, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1003, and where b is greater than or equal to a + 14.</p>	<p>R42621, AA832189, AA521316, AA837180, R44106, H62203, N71094, H10053, AI913954, AA833669, N91131, AW025339, AA991917, AA687795, AI824854, AI379265, AI186373, AI971502, H05411, N75423, AA224317, AA588019, H92193, AI658599, AA948717, AI434941, AI823918, H59855, AI340614, AA865670, AA830938, AA815207, AI560789, AA621708, AW338454, AI187049, RI6875, AA233166, AI660185, N34558, AA465672, AA040736, AA932524, AA677347, AI538271, AI656797, AI580706, AC003029</p>	
1004	HCEMB73	875384	<p>Preferably excluded from the present invention are one or more</p>	<p>AI934461, AI689718, AI084857, R51423, N39408, AA199665, R17548, AI279271, AI290951, N48522,</p>	

1005	HWLNF24	875385	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 881 of SEQ ID NO:1004, b is an integer of 15 to 895, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1004, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 749 of SEQ ID NO:1005, b is an integer of 15 to 763, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1005, and where b is greater than or equal to a + 14.</p>	<p>H91945, R51311, AA323134, R18868, R42885, AI302336, D80493, AA723014, AF071086</p> <p>AI982642, AI453557, AW172431, AI094150, H52188, H63357, AA287032, T67010, T80642, H59262</p>
1006	HNHNC74	875388	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 339 of SEQ ID NO:1006, b is an integer of 15 to 353, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1006, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 339 of SEQ ID NO:1006, b is an integer of 15 to 353, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1006, and where b is greater than or equal to a + 14.</p>	<p>D80212, D81030, C14389, D80022, D59619, D80210, D80240, C14331, D80045, D80219, D80166, D58283, D59502, D80043, D80391, D80195, C15076, D59787, D59927, D59859, D80164, D59467, D51423, D51799, D59275, D80253, D80227, D80196, D80193, D80188, D57483, AA305409, D80269, C14429, D80366, D80038, D50979, D59889, D50995, D80024, D59610, D80378, D80268, D59695, D51060, D80241, D51022, AW179328, T03269, AW178893, AW177440, AA305578, C75259, C14014, D80134, D81026, AW378532, D80248, F13647, AW178775, AW369651, D80168, AW178762, D80949, AA514188, D80251, D80522, D58253, D51250, D80133, C14298, D80064, D80132, AW177501, AA514186, AW177511, AW360811.</p>

	AW352158, C14227, AI910186, C14407, D81111, C05695, D80247, AW352117, AW176467, AW375405, AW377671, AI905856, AW366296, D80439, AW360844, AW375406, AW360817, AW378534, AW179332, AW377672, AW179023, AW178905, Z21582, D80157, AW352170, D59373, D80302, AW378540, AW377676, AW352171, D59627, AW178906, AW177731, AW177505, AW178907, AW179019, AW179024, D51097, T11417, AW352174, AW179020, AW360841, AW178909, AW177456, AW179329, AA285331, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, AW360834, AI557751, AW179004, AW367967, AW179012, D51213, AW178914, D51759, AW378525, D51103, C14077, AW177722, AW177728, D58246, D59503, AW179009, AW178774, AW178911, AW378543, AW352163, D59653, AW178983, AW352120, D58101, AW178781, D80014, T48593, D45273, D80258, C06015, C03092, AW177508, AW177723, AI535850, H67866, C14975, AW378533, D45260, D80228, AW367950, AW177497, T03116, H67854, AW378539, AA809122, C14344, AI557774, AI525923, AW178986, T02974, D59474, D51231, C14046, D51221, AW177734, AI525917, D59317, C14973, D60010, D59551, AI525920, AI535686, AA514184, C14957, D60214, T03048, AI525227, AI525235, AI535961, H67858, C16955, AI525242, Z33452, AI525912, AW378542, AI525925, AI525215, C05763, AI525222, C13958, AW360855, A62300, A84916, A62298, AJ132110, AR018138, A67220, D89785, X67155, AF058696, Y17188, D26022, A25909, D34614, A78862, AR008278, I82448, AB028859, D88547, X82626, Y12724, AR025207, A82595, A94995, AR060385, AB002449, AB012117, AR008443, X68127, AR066482, I50126, I50132, I50128, I50133, A85396, A44171, U87250, A85477, I19525, A26615, AR052274, A86792, AR066488, AR016514,

1007	HCRNF23	875391	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 532 of SEQ ID NO:1007, b is an integer of 15 to 546, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1007, and where b is greater than or equal to a + 14.</p>	<p>AR060138, A45456, X93549, AR066490, I14842, Y09669, A43192, A43190, AR038669, I18367, AR066487, AR054175, A30438, D88507, D50010, Y17187, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AF135125, D13509, A64136, A68321, AR060133, I79511, X72378, U87247, U79457, AF123263, AR032065, X93535, AR008382</p>
1008	HFXKG78	875397	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4001 of SEQ ID NO:1008, b is an integer of 15 to 4015, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1008, and where b is greater than or equal to a + 14.</p>	<p>AL038522, AL038523, AI656231, AL036827, AI636701, AI927512, AI364949, AW2335702, AI651731, AI670933, AI672150, AW304454, AI419389, AI632738, AI912944, AI650485, AI523243, AW295423, AW193668, AI949144, AW243009, AW182958, AI751237, AI742823, AW303764, AI767587, AA908773, AI057544, AW002458, AI418398, AI766234, AA845469, AI824836, AI492365, AI480407, W72949, AL049021, AI573281, AI925304, AI392882, AW372998, AI697380, AA583048, AA417157, AI565074, AI831728, AI816887, AI375533, AA411115, AI129721, AI655002, AI224555, AI767867, AW130458, AI809236, AI357167, AA252022, AL039519, AI075011, AI299072, AI245162, AW299961, AI888502, AA994409, AW194333,</p>

	AI690922, AA938151, AW070493, AA411116, W74415, N23604, AI221953, AA602575, AI811917, AI751236, AI359310, AI039259, N24925, AI521595, AW197266, AL135569, W26217, N29889, AA417035, AA554470, AW044504, AA456270, AA679818, AI290272, AI276409, AI423707, N42537, AW028471, R81905, AI807058, AI554433, AW074118, AI357727, H10656, AA581544, AW389416, AW339084, AI500169, H05880, AW051853, AA206968, AI223834, AI376996, AA454655, AI702899, AA989241, AA179471, AI039744, R66934, H29952, H10657, AI905512, AI889371, AA831961, AA013167, R60075, AI864062, AA179545, AA664263, R81801, AI420823, W24240, AW273094, AA223852, AW025301, AI355769, H02924, AA609775, AW341188, AA883592, AI350607, AW136375, AA298021, AA342023, AW135532, AA889804, AI910384, AA598801, H04228, H02129, R66935, AA780989, AI991758, AA248809, AA358737, AA165472, AA095309, N23603, AI476559, R60015, AA430224, AA432347, H29859, H77511, AW085318, N33801, H02028, W79344, AA852581, AA852580, AA297879, AA429648, AA298838, AI307394, AA298495, AW364117, C16159, H77512, AI699272, AA370057, AW276239, AA224135, AA298910, AA987876, AA082377, AI470432, AI274422, H98159, H05773, AI867279, T73175, AA342024, R39484, F34597, AA732321, AI625037, AW166595, R27681, R80024, AA089953, AA358736, T73077, D11682, AA252093, AW166602, AA298907, AA179495, R79934, AL039520, R27582, D62938, N48852, AA179467, AA213504, AA249343, AA279006, AW084308, AA165392, AI933446, AA782244, AA626274, D59405, AA837082, AA593200, AA936036, D82688, R57332, W79444, C02511, T27327, F13640, AA213432, AA622115, AA278207, AA094933, AA095138, AA298976, F32043, AI926085, AI969655, AI561356,

AW089275, AW089844, AI002285, AL047100,
AI815855, AI627714, AI500061, AI433157,
AI702073, AI633125, AI698391, AI918435, D87684,
AC006336, U95739, A77033, A77035, I89947,
AC004093, L13297, AJ005690, AL137480, AL117443,
AL080110, AL137627, AL137459, AF061981,
AL133568, AL080156, AL137550, M92439, AR038854,
AF090900, AF126488, X87582, AF180525, AF090901,
I48978, AC007559, AF090934, AL080159, Y14314,
A03736, X82434, AL117435, AL049283, AL137529,
Z97214, S78214, S82852, AF090903, AL137533,
A08907, AL080148, A15345, AL137530, AL137523,
AF057300, AL137271, AF057299, AF177401, I32738,
AL133112, AL117463, A08913, AF111849, AL137539,
AL110225, AF087943, Z82022, AL137488, A08912,
U35846, U88966, Y16645, A65341, AF047716,
AL050149, AF125948, AR011880, X72387, AL049996,
X63162, AL133049, I33392, A08910, AJ012755,
E12747, A08909, AF065135, AL137478, AL122104,
AC007390, AF113677, AF175903, AF153205, I30339,
I30334, I09499, AL137294, AL050366, A08911,
A08908, AL133640, A76335, AF118090, AF031147,
AL096744, U42766, X72889, D83032, U67958,
AF113699, S77771, AL023657, AL110228, AL133113,
S76508, AL049347, AL022147, AF113019, S78453,
AJ238278, AL133560, AR013797, AF126247,
AF067728, AL122100, AL137275, AL122118, E01614,
E13364, AB029065, AL080163, I89931, AF100931,
AL049382, X70685, AL117416, A49139, AF183393,
AL117460, AL050138, AF104032, I08319, I49625,
AL117648, AL122110, AL035458, AF031903,
AF210052, AL137538, AF039138, AF039137,
AL080057, AF102578, A21101, Z35309, AF026816,
AC006039, AL133558, Y11587, X83544, AL133088,
U90884, AL133067, AF026124, Y09972, AL122045,
L04504, AL117457, AF061943, AL137292, I48979,

1009	HFPG11	875402	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 387 of SEQ ID NO:1009, b is an integer of 15 to 401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1009, and where b is greater than or equal to a + 14.</p>	<p>S36676, E05822, AJ000937, AF1111851, E08631, AF185576, AR034821, AL110280, AF146568, A18777, S61953, AL110171, X98066, AB016226, AF017437, AF022813, A08916, E02349, I52013, U68233, I92592, AL133075, AL049466, AL133061, AL137476, D16301, AL133665, AL133080, AR020905, A18788, AL137526, AL133093, AL110158, AL137558, AF158248, S68736, U91329, I89934, AC006313, AF106862, AF113694, AL137283, X79812, AL050277, D44497, AL050172, AL117583, AL080162, AF151109, U66274, A58524, U68387, AL080126, AF139986, AL122121, AF032666, U54559, AL122049, AL049339, AL110196, AL110197, X89102, A12297, AF079763, M27260, A58545, AC004797, I68732, I35495, A58523, AF067790, AF182215</p> <p>D61574</p>
1010	HCROG59	875405	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 742 of SEQ ID NO:1010, b is an integer of 15 to 756, where both a and b correspond to the positions of</p>	<p>AI275431, AI168345, AA406609, AI280460, AA411636, AI627293, AI628781, AI241297, AA317871, AA598485, AI360110, AI968510, AI498174, W02842, F34577, AI697614, AW079061, AI200289, AI804773, AA502751, AI694751, AW173045, AW300325, T49800, H85591, AA993934, AA468896, AA098853, H86495, AA039749, AA889681, AA909667, W87459, AI764965, AW083698, AC005746</p>

1011	HLVBH74	875406	nucleotide residues shown in SEQ ID NO:1010, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1011, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1011, and where b is greater than or equal to a + 14.	AI831961, AI650845, AW196692, AI824849, AI620989, AW236312, AI918000, AA478378, AI355547, AA610722, AI276362, AI401116, AW149595, AI689357, AI382635, D80414, D80923, AI341250, AI916173, AA902403, AA558991, AA992619, C21278, AA384679, AI800639, AA282083, AA232733, AA768615, R08289, AI089271, W96084, AA701943, AA505078, AW026456, AW051814, AI291876, AA858118, AA813011, AI204546, AI560812, AW130435, AI300180, AI418276, AI560743, AI992293, AA905625, AA846821, AI091612, AA402002, W19987, R94479, AA522719, T86974, T79403, AI703226, H54573, H38643, AA854918, H60026, H96792, T90553, N23206, R94069, N55455, AI221349, AI356940, AW008254, AI149942, AI362691, AA247535, AW128861, AA975506, N56269, N29785, W96085, AL031033, AB018288
1012	HBGNK79	875410	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 924 of SEQ ID NO:1012, b is an integer of 15 to 938, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1012, and where b is greater than or equal to a + 14.	AI761623, AI991188, AI027577, AA583168, AI298597, T48782, AA713860, AW080531, AW007085, AA894812, AA911322, AW338854, T74766, AF129812
1013	HCQCX73	875415	Preferably excluded from the present invention are one or more polynucleotides comprising a	

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1013, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1013, and where b is greater than or equal to a + 14.	
1014	HWLQG73	875416	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 218 of SEQ ID NO:1014, b is an integer of 15 to 232, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1014, and where b is greater than or equal to a + 14.</p>	<p>AI610362, AW149925, AI270183, AI570989, AI802542, AL045500, AI624543, AL041862, AL042628, AL046926, AI570807, AL045266, AI923989, AW082113, AI932794, AL036638, AI499285, AI698391, AI433976, AI889189, AI433157, AW151136, AI815232, AI539771, AI582932, AI537677, AI500659, AI554821, AI269862, AI274508, AI801325, AI500523, AI284517, AI500706, AI445237, AI491776, AW151138, AI521560, AI500662, AI284509, AI889168, AI866573, AI554344, AI633493, F27788, AI434256, AL042745, AW022682, AI888661, AI284513, AI888118, AI440252, AI805769, AL121286, AI950892, AL045774, AL049085, AI452560, AI648509, AI569583, AI288285, AL042551, AW079572, AI491852, AI917252, AI927755, AI571439, AI364788, AI439745, AI610895, AI470648, AI468872, AI624548, AW104836, AI554245, AL042627, AI497733, AI889147, AI636588, AL048323, AI344785, AI591420, AI569579, AI539028, AW301409, AI611738, AI811785, AL040243, AL046942, AI648502, AI620284, AW268220, AA806720, AI334450, AW071417, AI308032, AL045903, AI866770, R36271, AI345557, AW029611, AI866510, AI612913, AI494201, AI254731, AI584140, AI537515, AI679179, AL036901, AW051258,</p>

	AL079977, AI619502, AI890223, AL047763, AI564719, AI281772, AL048340, AW268122, AI866090, AW167918, AL047675, AI677796, AW118518, AW088899, AW026882, AL042787, AL134830, AI275175, AI826225, AI670009, AI539847, AI702073, AI306705, AL119748, AI923370, AW190042, AI564259, AI610402, AW194441, AI633125, AI963846, AI499463, AI801152, AI915291, AI926790, AI874261, AW020561, AL039276, AI432656, AI632408, AI798456, AI433037, AI824576, AI933589, AI635067, AL045620, AL037454, AL048312, AI934011, AI564765, AI630928, AI874166, AI687287, AI815855, AA225339, AI273085, AI620003, AI288305, AI249375, AI678357, AL045163, AW073994, AL039086, AI889953, AI345416, AI273843, AI345612, AW023859, AI440239, AI932966, AI571909, AW132056, AI702068, AI174394, AI628331, AI869367, AI683099, AW080746, AI952920, AI436429, AI434134, AI345415, AI335209, AI280732, AW169604, AI431909, AI829327, AI432666, AI862144, AI349598, AI537273, AL119399, AI886753, AW269097, AI436456, AI872300, AI539153, AI627988, AW151729, AI889376, AW129659, AL036403, AI524671, AI567940, AL134999, AI521012, AI802833, AI699011, AI955866, N80094, AI817244, AI521596, AI934035, AI285448, AW083804, AW087445, AW166583, AW050522, AI956080, AW131294, AI345347, AI285826, AI579901, AI863014, AI251221, AI521594, AI890833, AI916419, AI499512, AW163834, AL119863, AI340603, AI889133, AI921248, AI500061, AI306613, AL047422, AI922901, AI567993, AI932638, AF106862, AL122049, AF090900, AL122110, Z82022, I89947,

	I48978, AL117435, AL137271, AL133557, AL080124, AF113019, A77033, A77035, I48979, U35846, AL133560, AF113677, AF158248, AJ238278, AL117457, A08916, A65341, AF017152, X93495, AL137550, A08910, A08909, AL133080, AL049382, AF067728, AL122098, AF104032, U67958, AL080159, AF113691, AF090903, AL110221, AL133075, AL133072, A08913, AF017437, AF118094, AF177401, U80742, AF113694, X82434, Y16645, AJ012755, AF091084, AF183393, AL050116, AL133077, AF078844, AF113690, AL049452, AR059958, AF000145, AF090934, AL137557, AF111851, AL137538, AL117460, X72889, I03321, AF118070, AL137463, U42766, AL122121, AR011880, AF026124, AL050108, E07361, I89931, AL137560, AL133016, AL096744, S68736, AL050393, A03736, U72620, A58524, A58523, I49625, AL133640, E02349, AL133565, AF090943, Y11587, AL122050, I33392, AF113013, AL122093, AF057300, AF057299, AL110280, AF081197, AF113699, AL137459, AL050149, AF113676, AF090896, AL050138, AF061943, AB019565, AL117583, X84990, AL117585, AF125948, AF090901, AL133113, AL122123, U49908, AL049466, E03348, AF113689, AJ000937, Y14314, AL137521, AC004686, AF087943, AL049314, AL050277, AL133014, S78214, AF026816, AF003737, I42402, A93350, AC002464, AF097996, Y11254, AL049430, X70685, AL050172, AF185576, X63574, X96540, E15569, AF162270, I09360, AL050024, AL110196, U00763, I26207, AJ242859, AL080127, L31396, X65873, AL133606, AF079765, L31397, AF119337, AL049464, AL110197, AL117394, A12297, AC005156, AL133067, E07108, AL080060, AL049938, AF146568, AL080137, AF081195, AL049300, AF118064, L30117, AL137648, AF125949, AL050146, AL110225, A93016, AL133093, AL049283, A08912,

1015	HMSIB72	875417	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:1015, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1015, and where b is greater than or equal to a + 14.</p>	<p>AL137527, AF111112, AL137556, Z82206, AC004822, AR000496, U39656, E08263, E08264, Z84814, AL034417, AC006222, AL137533, AL117440, AL137292, AF153205, E02221, AL137480, X98834, AC004383, AC007056, AC007458, S61953, AL137526, AC005048, AL110222, AF061573, U91329, AC009501, AC004594, AR038969, AL080148, AL137476, AL133104, AC005488, AF111849, AR038854, AL133098, Y09972, AF008439, AC006112, AC007392, U58996, AF079763, X53587, AL137283, L19437, AC003001, AC006115, AL133568, AJ006417, AL022165, I00734, AL080074, U66059, A07647, E08631, E00617</p>
1016	HWLMC85	875418	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 860 of SEQ ID NO:1016, b is an integer of 15 to 874, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1016, and where b is greater</p>	<p>H75975, AA431948, AI453095, AW183431, H97697</p> <p>AI023512, AI985187, AA206421, AA858212, AW268700, AA374096, R66513, AW268978, AI003582, AI087966, AW303698, AI222672, T87896, R84690, D62434, N99668, D59600, AF131768</p>

1017	HCRNH72	875419	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1273 of SEQ ID NO:1017, b is an integer of 15 to 1287, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1017, and where b is greater than or equal to $a + 14$.</p>	<p>AI985187, AW268700, AA206421, AA858212, R52339, AA740228, AI023512, AA749275, AI222672, AW303698, T87896, R66513, D51928, R67347, R84690, Z39964, F03134, N43996, R40370, AA503490, D62434, D51716, R39023, N99668, C02069, AA374096, D59600, AF131768</p>
1018	HSDHD72	875423	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 448 of SEQ ID NO:1018, b is an integer of 15 to 462, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1018, and where b is greater than or equal to $a + 14$.</p>	
1019	HCQAB70	875425	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 352 of SEQ ID NO:1019, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1019, and where b is greater</p>	<p>N27979</p>

1020	HCQDN71	875427	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 736 of SEQ ID NO:1020, b is an integer of 15 to 750, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1020, and where b is greater than or equal to $a + 14$.</p>	N94198, AA136314, H90781, H83190, R09097
1021	HCQCQ73	875428	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1319 of SEQ ID NO:1021, b is an integer of 15 to 1333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1021, and where b is greater than or equal to $a + 14$.</p>	AI799085, AI472055, AI928190, AA805656, AA813952, AI439157, AI004303, AI061354, AI858450, AA825684, AI249804, AA251281, AA761496, W26450, AI636131, AA573512, W02895, AI355020, AW369621, AW369637, AI367189, AI904017, AI904022, AI521039, T61456, T25898, AI904093, AA911766, AW390240, AI904090, AC004955
1022	HCQAW10	875429	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:1022, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1022, and where b is greater</p>	AC004013, AJ010770

1023	HCRNE71	875433	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 511 of SEQ ID NO:1023, b is an integer of 15 to 525, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1023, and where b is greater than or equal to $a + 14$.</p>	AA969932, AC000048, AR001316
1024	HWLNY71	875434	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 894 of SEQ ID NO:1024, b is an integer of 15 to 908, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1024, and where b is greater than or equal to $a + 14$.</p>	AA147981, AA687815, AI434923, AA747023
1025	HTXSH02	875437	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 407 of SEQ ID NO:1025, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1025, and where b is greater</p>	AI393917

1026	H2CBL70	875440	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 873 of SEQ ID NO:1026, b is an integer of 15 to 887, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1026, and where b is greater than or equal to $a + 14$.</p>	<p>AL135150, AA436897, AA307476, AA461263, AA626419, AI693521, D79997</p>
1027	HNFFQ01	875441	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 447 of SEQ ID NO:1027, b is an integer of 15 to 461, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1027, and where b is greater than or equal to $a + 14$.</p>	<p>AA024940, AA311483, AA085629, AF008442, AF047441</p>
1028	HCRMD70	875442	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 909 of SEQ ID NO:1028, b is an integer of 15 to 923, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1028, and where b is greater than or equal to $a + 14$.</p>	<p>CI4427, CI4394, D80309, AA912463, D80304, AI002558, D59721, CI4215, AA455562, AW366372, N75779, T99953, AI803887, AI811603, AA808175, AI440263, AI241901, R41605, AW055075, AL040207, AI581033, AI345688, AI623941, AA908294, AA641818, AI567582, AW161579, T66952, AI741158, AI571439, AI540674, AI254226, N29277, AL040161, AL135047, AI587000, AI866465, AI252077, AL080011, AI299303, AL039716, AI435999, AI590043, AW274192, AW160905, AL038069, AI557104, AW078606, AA648402, AW022636,</p>

than or equal to a + 14.	AI285514, AL041150, H41759, AA580663, AW074702, AA830406, AI954293, AI219380, AW020710, AI567971, AI891125, AI621341, AL048323, AW149876, AI250627, AW020373, AL048340, AI923989, AI818574, AA928539, AW089844, AI784233, AI002285, AI273791, AI915291, AI859991, AW020095, AI798456, AI924051, AL046944, AI473536, AI700158, AI919500, AW079432, AW059828, AL047005, AI619587, AI249497, AA857847, AI698391, AL036705, AW075382, AI683395, AL047100, F37323, AI345415, AI679959, AI815232, AI702527, AI811840, AI446538, AI628325, AI133475, AW021717, AI887430, AW265004, AI590943, AW300782, AI349012, AI682640, AI827154, AI318603, AI439527, AI251485, AW300889, AI279925, AI589428, AI612852, AL042098, AW021256, AW303152, AW087455, AW083826, AI114461, AI148113, AI742728, AI476480, AW020397, AI633125, AI927233, AW161156, AI287233, AI538805, AI345778, AI801325, AL120695, AW148841, AI491852, AW152182, AW162189, AI590630, AW027898, AW118353, AI500514, AA641644, AI611717, AW161202, AI436438, AW089221, AI738854, AI656270, AW161098, AI096432, AI921197, AA587590, AW410302, AW020415, AI670009, AW051059, AI289310, AW059766, AW168828, AI521005, AL043152, AI890907, AI804505, AI491904, AA693354, AI394522, AI282346, AI524608, AA806534, AA665669, AI918554, AI860476, AI669639, AI557238, AI620944, AL121365, AA769318, AW002807, AI691131, AI538885, AW023072, AI587121, AI570884, AW022084, AL039430, AI918449, AI291601, AI345557, AI889147, AI638644, AI687130, AW198090, AI679506,

AI811192, R20540, N49165, AI567961, AI537244,
AW157096, AA652505, AI924686, AW019988,
AI648454, AI797538, AI274515, AI679452,
AW050781, AI889189, AW162194, AI524654,
AI536685, AI280751, AI538564, AI352274,
AI797908, AW090206, AI282930, AW023859,
AI471909, AL134712, AI624993, AA809897,
AI432644, AW188595, AI690813, AI524179,
AC005968, S63521, Z72491, AF079763, AL110296,
U72621, I32738, J05277, AF159148, AB016226,
AL137550, AL133640, X06146, AL117435, I48978,
AL137271, AL137281, AF158248, AL133067,
AF210052, AB029065, AC004213, U95114, AF090886,
AL133112, X65873, AF113690, AF145233, AL117626,
AL050280, I33392, AF069506, AF031147, AL133558,
AF090901, A65340, X70685, X72624, AF141289,
AL050172, AF177401, AF077051, AL117648, X60786,
AL137560, U55017, AF111849, X67688, AL137529,
AF039138, AF039137, U92992, AL137284, AJ010277,
A77033, A77035, M85164, U42766, AL110218,
AR038854, AF175903, I09499, AL137267, A08910,
A08909, Y11254, X63162, AF090900, S36676,
AF097996, I52013, X86693, AL137555, AF043642,
AF106862, A08908, AF118090, I46765, AF017152,
AF146568, AF042090, AL035458, AL122110,
AL050116, AL133010, AL122123, U49908, A08907,
AL137530, AL137459, AL096744, AJ005690, Y10655,
AF118094, AL137557, AP000020, AJ000937, Y10936,
AF036941, A76335, E12580, U62966, AL137547,
AL137658, AF115410, AC007172, AF167995,
AL049283, AL122104, M27260, AL137533, AL080156,
AF044323, AL096751, X63410, AR020905, AC002464,
AR068753, AL137258, AF183393, AF142672, A08912,
S77771, A03736, AF182215, D16301, A08911,
E12747, A18777, AF113019, AL122103, AB031064,
I48979, AL133080, AF153205, E12579, AL122100,

1029	HWLWX5 4	875446	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:1029, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1029, and where b is greater than or equal to a + 14.</p>	<p>U87620, A07647, AF180525, AL080148, U35846, AF104032, AL137479, AL137537, AF113694, AF111851, Y09972, Z30970, I68732, AR011880, S76508, A21101, I89947, A08913, S75997, AL133104, A76337, AJ001039, X52128, X84990, M96857, I26207, AL096728, L04504, AF061573, X72889, A18788, AL133665, AF078844, I89931, AF091084, A91160, AL137558, A91162, AR068466, X53587, L24896, I89934, I89944, I49625, AF082526, AF087943</p>
1030	HDTBL01	875452	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 919 of SEQ ID NO:1030, b is an integer of 15 to 933, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1030, and where b is greater than or equal to a + 14.</p>	<p>AA203532, AI885145, N93693, N41419, AA025727, AA845624, AA004723, AI659644, AA854840, AW027228, AI741432, AI924412, AI096633, AA775840, AI799560, AA861825, AI086427, AI609775, AI332770, AA043284, AI147012, AI093396, AI334098, AW339068, N36820, AI127039, AW152492, AI310403, AI479699, AI333810, W37902, AI026761, AA779438, AW016793, AA846751, AA883270, AA043623, AA768520, AA481110, AA595137, AA599087, AA004625, W21031, AI493429, AA705148, AA729311, W69693, AI609767, F24839, AI309955, AA147299, AA394002, AA725144, AA847834, AI028144, AA284640, F36989, AI015001, W46526, AA577464, AI074328, AI199865, AA719946,</p>

1031	HTHDF09	875458	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2701 of SEQ ID NO:1031, b is an integer of 15 to 2715, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1031, and where b is greater than or equal to a + 14.</p>	<p>AI368754, N46038, AA700697, AI249119, AI284226, AA399341, F26291, H66106, AA639243, AI198805, W37962, AI863889, AI364330, AA639095, H95487, AA834779, AI204589, AA504802, AA480281, W16986, AI300686, H66059, AI184257, H22374, AI357340, AW264139, AA638994, AA025726, H93397, W05101, R33568, AA386074, AI268427, AA731877, H94967, AA282671, AI310952, H81961, AA846871, AA907906, AA983160, AA317755, AI088526, AI033455, AA304404, AA834753, N74712, R33466, N92916, W04851, C03398, AA593219, AA356363, AI095031, AI707597, AW162955, AA147187, AI968038, H93396, T25738, AL137489, AI262007</p> <p>AI453608, AA114992, AI625087, AI917616, AI697653, AI685132, AA214568, AA938187, AW440559, AI033684, AI280879, AI802985, AW402513, AI765128, AW340123, AI081775, AI089556, AI912727, AI191349, AW237567, AI631607, AA629942, AW439252, AA261781, AI457255, AA677426, AI333330, AA594467, AI871604, AI373583, AA664286, AA648405, AA827076, AI168766, AA253066, AI701917, AI890800, AA115482, D60531, AI469082, N95713, AA663041, AI991576, D81517, AA256425, N34227, AA152336, AI160622, AA771763, AA253031, AI222942, AI202632, N26907, AI275770, AI493287, AI767194, AA279479, AA410856, AA148856, AA243606, AA476875, D60530, AA644615, AW418516, D80813, AA256537, C15455, AA329211, AW418997, AI678343, AI095736, AW083585, AA732584, AW172545, AI306494, AA370336, AI215414, AW025846, T55154, AA136197, AA361218, AA738345, D61320, R21425, R21424, R27634, W24870, U46294, D61007, AI268096, AI383220, AA625241, R30798, AI300612, N39793, AA122368, N56522, AA136036, AA213493, AA587977, D19821, AI674553, AW084191,</p>
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1032	HOHAD26	875460	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2355 of SEQ ID NO:1032, b is an integer of 15 to 2369, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1032, and where b is greater than or equal to a + 14.</p>	<p>AW338833, AA092089, AA418952, AA846916, T08238, AA370335, AA403140, AA403169, AA298076, AB035725, AF155568, AL109618, AF037448, AF093821, R48826, R98718, R98717, AA164785, AA180971, W25910, W26190, AA094508, AA211559, F20745, Z28918, AI124677</p> <p>AA188195, AI472757, AA307374, AA186327, AI267372, W38408, AW389218, AA403169, AA313602, AA411147, AW363698, AA403140, AA465343, AA418952, AA411148, AA465413, AA130302, AI566089, AA150638, AI674553, AI289939, AA654252, AI263768, AW178047, AA306863, AI685132, AA207215, AI765128, AI682619, AI084864, T89722, AA164877, AI810057, W92251, AA164876, AI984419, AW003149, AI581394, AA045158, T35450, AA662966, AA130625, AI625087, AA912195, AA995153, T89635, AW341721, AW293378, AI749465, AA130793, AW440559, AA524815, AW085400, AA298076, AW408715, M61969, T39242, AA363926, T89820, AA164208, AA164209, T05188, W39501, R29647, AW361274, AA356549, AI768414, H20250, H20236, H50487, AA401271, AW402513, AA216046, AI493748, AA094744, D12117, AI672427, AA401274, AI991547, D12266, AA885324, AA340617, AA629942, AI270496, AA045116, T89909, AI597900, AI337035, AA370336, AA677426, AI091687, AA142968, W36280, AA594467, AA134141, AA594120, H20156, AA969126, AA664286, AW294501, AI399871, AA613072, H20141, AW183508, AI110749, N56522, AI469082, AF037448, AF155568, AB035725, AF093821, AL109618</p> <p>AL046056, AC005829, AC003108, AL049872, AB028893</p>
1033	HWLQB70	875461	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	

1034	HCRN170	875462	is any integer between 1 to 335 of SEQ ID NO:1033, b is an integer of 15 to 349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1033, and where b is greater than or equal to a + 14.	AA516030, T93186, R48202, AF086709
1035	HCHAN69	875463	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 833 of SEQ ID NO:1034, b is an integer of 15 to 847, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1034, and where b is greater than or equal to a + 14.	
1036	HDPX169	875468	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 521 of SEQ ID NO:1035, b is an integer of 15 to 535, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1035, and where b is greater than or equal to a + 14.	AL022329

1037	H2CBP05	875474	<p>is any integer between 1 to 511 of SEQ ID NO:1036, b is an integer of 15 to 525, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1036, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 986 of SEQ ID NO:1037, b is an integer of 15 to 1000, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1037, and where b is greater than or equal to a + 14.</p>	<p>AA307783, AI928487, AA452227, AA482088, AI394278, AI675154, AI676034, AW364878, AW139920, AI682476, AI347851, AA642892, AA479940, AI091053, AI870992, AI039477, H63416, AI174745, AA002093, AA399509, H00628, R10916, R82783, AA002220, R10231, H63472, AA398368, AI758130, AA478844, U47346, AI864528, AI992031, AA644394, AW207298, AA812485, AA523934, AI202717, C04105, R10969, T49897, AA481986, AL096740</p>
1038	HWLNO16	875475	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1038, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1038, and where b is greater than or equal to a + 14.</p>	<p>AI761312, AW372642, AI343498</p>
1039	HCROC40	875477	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>N52878, N58847, T93808, T75554, T75553, AI698057, T93860</p>

1040	HWLWW3 1	875478	is any integer between 1 to 907 of SEQ ID NO:1039, b is an integer of 15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1039, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 367 of SEQ ID NO:1040, b is an integer of 15 to 381, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1040, and where b is greater than or equal to a + 14.	AW022883, AA195765, R70828, AF195418, AB025412
1041	HWLOU12	875479	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 748 of SEQ ID NO:1041, b is an integer of 15 to 762, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1041, and where b is greater than or equal to a + 14.	AA307716, AW450491, T68887, AT739472, AA081624, AW196447
1042	HPTTL69	875481	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AW014954, AA576626, AI765244, AA705936, C00580, AI280144, AI541388, AI799766, AI720050, AI535888, AI535850, AW079508, AI435666, AI309090, AI284672, AI284682, AI792879, AI733975, AI251416, AI254026, AI307028,

1043	HT3BA65	875484	<p>is any integer between 1 to 382 of SEQ ID NO:1042, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1042, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 482 of SEQ ID NO:1043, b is an integer of 15 to 496, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1043, and where b is greater than or equal to a + 14.</p>	<p>AI792738, AI252565, AI284703, AI252100, AW271923, AI308032, AI344785, AI270983, AI265738, AI254443, AW303109</p> <p>AA380983, AA542870, AA411590, AA283721, AI961232, AA211734, AI364760, W63553, AI121578, M58581, AF196969, AC007796, AC003108, Z48051, AC004170, AC006162, AB023058, L12582, AF055066, AC006111, AB003151, AP000521, AL022723, AC004084, AC004878, Z95115, AC004235, AP000702, AP000701, AC004832, AL035086, Z75741, Z79996, AC000075, AC000084, AC002491, AC003026, AL035588, AC005839, AC007429, AL117337, AL133243, AC010582, AF205588, U58047, AP001054, U18671, AC002082, AD000092, AC004849, AL049744, AL022316, AL049712, AC005262, AC002404, AC004876, AC007999, AJ251973, Z74617, AF111168, X64467, AL096761</p> <p>AI631592, AW027723, AI696066, H05108, AI992089</p>
1044	HMSHD68	875486	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 455 of SEQ ID NO:1044, b is an integer of 15 to 469, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1044, and where b is greater than or equal to a + 14.</p>	
1045	HSUAE53	875490	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI914128, AA088296, M85677, D53142, T34322, T31626, T31802, T31463, AI905228, T34175, D55192, AA380386, AI535884, N23605, AA355446,</p>

1046	HTJMN69	875491	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1388 of SEQ ID NO:1045, b is an integer of 15 to 1402, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1045, and where b is greater than or equal to a + 14.	AA029415, D54331, C15325, AA355201, AA256591, AA034335, D55128, T70488, AA326899, AI091590, AA029490, AW339939, AW150093, AI872098
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 844 of SEQ ID NO:1046, b is an integer of 15 to 858, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1046, and where b is greater than or equal to a + 14.	AW081196, AI191523, AI880364, AI272875, AI346121, AI346400, AI222776, AL137734, I95753
1047	HHMMD6 8	875492	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 307 of SEQ ID NO:1047, b is an integer of 15 to 321, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1047, and where b is greater than or equal to a + 14.	T51473
1048	HCQDM23	875493	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI246778, AI346844, AI749252, AI991265, AW001371, AI832475, AI672920, AW000710, AI991837, AW000809, AI281892, AI991841,

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 521 of SEQ ID NO:1048, b is an integer of 15 to 535, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1048, and where b is greater than or equal to a + 14.	AI983400, AI673613, AW054915, AA857748, AI991308, AI677743, AI672894, AI475425, AW001307, AI732375, AA327452, AI991039, AI673137, AA327059, AA534503, AI732350, AA523410, AI991842, AW374797, AI688199, AI475214, I95743, M94132, L21998
1049	HHEMO68	875495	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 419 of SEQ ID NO:1049, b is an integer of 15 to 433, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1049, and where b is greater than or equal to a + 14.	W32345
1050	H2CBM67	875496	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 700 of SEQ ID NO:1050, b is an integer of 15 to 714, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1050, and where b is greater than or equal to a + 14.	AA307547, N50913, AW340485, AA724762
1051	HWLWJ34	875498	Preferably excluded from the present invention are one or more polynucleotides comprising a	R36306, H06792, R15198, H17756, AL050343

1052	HWLRL54	875499	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 363 of SEQ ID NO:1051, b is an integer of 15 to 377, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1051, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 797 of SEQ ID NO:1052, b is an integer of 15 to 811, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1052, and where b is greater than or equal to a + 14.</p>	<p>AA203208, AI186984, AA699723, AA587865, AI218228, AWI49832, AI075775, AI089713, AA620676, AA705153, T97121, AI928705, AI202281</p>
1053	HCR0148	875500	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 452 of SEQ ID NO:1053, b is an integer of 15 to 466, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1053, and where b is greater than or equal to a + 14.</p>	
1054	HCRMM67	875501	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>W57655, AA629065, AI690293, AA987368, AI889212</p>

1055	HTFNZ86	875502	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:1054, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1054, and where b is greater than or equal to a + 14.	AA470029, AW299344, AI754738, AA412216, AI378554, AA236732, AA693510, AI434417, AI082441, AA669879, T79250, AW340374, AA236927, AA258261, AA236743, AI962081, AA770560, C04663, R71348, T79167, AA806372, AA345952, AI769109, T79004, T83261, T90729, AI023542, AI915033, AC013417, D10712, AC007564
1056	HCNCD90	875503	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2858 of SEQ ID NO:1055, b is an integer of 15 to 2872, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1055, and where b is greater than or equal to a + 14.	AI637873, AW241510, AW241455
1057	HMVVDK54	875508	Preferably excluded from the present invention are one or more polynucleotides comprising a	AA213877, AA284164, AL039640, AI267553, AW275560, AW275558, AW044372, AB002334

1058	HCQCV65	875512	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 857 of SEQ ID NO:1057, b is an integer of 15 to 871, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1057, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b; where a is any integer between 1 to 530 of SEQ ID NO:1058, b is an integer of 15 to 544, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1058, and where b is greater than or equal to a + 14.</p>	AC006026	
1059	HWLNY66	875514	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 583 of SEQ ID NO:1059, b is an integer of 15 to 597, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1059, and where b is greater than or equal to a + 14.</p>	AW272467, AI002871, AW007817	
1060	HLYC165	875515	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	AW080826, AB023201	

1061	HKAAO67	875516	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:1060, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1060, and where b is greater than or equal to a + 14.	AI480112, AI190539, AW195714, AW009671, AA834985, AI025324, AI220363, AI458072, AI807491, AA427361, AI523871, AI076240, AI252670, AI972838, AA430339, AI912849, AI636830, AI220365, AI400812, AI418071, AI199462, AW015295, AI492423, AI762057, AC003663, AC003070
1062	HCE3W64	875517	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 579 of SEQ ID NO:1061, b is an integer of 15 to 593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1061, and where b is greater than or equal to a + 14.	AA885804
1063	HKAKX87	875518	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 318 of SEQ ID NO:1062, b is an integer of 15 to 332, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1062, and where b is greater than or equal to a + 14.	AI365215, AI796579, AW006619, AI207768, AA781399, AI140604, AI431643, AA858281, AI753792, AI628110, AA992608, AA481252,

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2326 of SEQ ID NO:1063, b is an integer of 15 to 2340, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1063, and where b is greater than or equal to a + 14.</p>	<p>AA434587, AI762862, AW190880, AA873016, AW363088, AI434855, N62810, AA873017, AA315480, N31669, AA713673, AI090009, AW297060, AI351557, AA305138, W37783, AA433909, AA713672, AI094632, W37784, AA504102, AA812118, N28827, AI086536, AI493922, AA811274, AA167079, AA459547, AA253280, AA885762, AA723085, AI683305, N23355, AA765542, AA668860, R70637, AI168718, W01322, AI128139, AI494098, AI935670, AA293148, AA234306, AA167028, AI675905, AI473341, AI004524, AA627111, AW044230, AA235416, AI623486, R82735, R65666, H00590, AI431353, H44468, AA935054, AA234396, H03434, T27659, R64224, R64125, R33525, R79785, R79880, AA253233, AA081579, R21415, T99332, H03516, R28580, T99331, D56293, T97190, AA215831, AA011458, AA248735, D62509, R21416, R70534, AA838173, R31206, AA363459, AA204876, T97189, AA011401, AW403913, Z19809, H44434, AR022306, M31468, A74833</p>
1064	HUSGX12	875520	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1633 of SEQ ID NO:1064, b is an integer of 15 to 1647, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1064, and where b is greater than or equal to a + 14.</p>	<p>AI762621, AI742202, AA446863, AI394107, AW028794, AI221779, AW052092, AA535268, AI183672, AW296681, AA778418, AW297154, AA902908, AI193482, AA476226, C16879, N75843, AA446978, H77651, AW296006, AA621641, D12199, W07640, AI354319, AA906878, W07635, U66075, X95701, D87811, S82462, AF179425, U11889, L22760, U51335</p>
1065	HCNDZ15	875523	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

			the general formula of a-b, where a is any integer between 1 to 238 of SEQ ID NO:1065, b is an integer of 15 to 252, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1065, and where b is greater than or equal to a + 14.	
1066	HCFNM40	875525	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1081 of SEQ ID NO:1066, b is an integer of 15 to 1095, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1066, and where b is greater than or equal to a + 14.</p> <p>AA037767, AI961026, AI269898, AA399583, AI689929, AA037780, AA757107, AI968995, AI206593, AA609204, AA813241, D56264, Z45403, AI523529, AL038837, AL039074, AL039564, AL039108, AL039156, AL038531, AL039659, AL039625, AL039648, AL039629, AL039678, AL039150, AL039109, AL037051, AL037726, AL036725, AL039128, AL040992, AL045337, AL042909, AL039423, AL039410, AL039085, AL036973, AL045353, AL043422, AL044407, AL039538, AL038821, AL039386, AL039566, AL044530, AL039924, AL039509, AL043445, AL038025, AL037526, AL036196, T24119, T24112, AL037639, AL045341, AW013814, H00069, AL045794, AL043441, AL037615, AL036767, AL036418, AA039277, T23947, AL043423, AL038851, AI535783, AW451070, Z99396, AL036190, AL036191, AL037082, R47228, AL036924, T02921, AW452756, AI535983, AL036117, AA301449, AW372276, AL036679, AL036733, D51250, D80253, T23659, AL037027, AL036238, AL037178, AL036158, D59787, AL036998, AL036964, D59275, D80043, AA514190, AL036765, D80219, AL037601, T48598, Z25782, AL037021, AL037054, AL036174, D80227, AL036268, AW450376, AI680812, D80240, D80134, AL036167, AL037177, D51423, D80210, AL036227, AL037679, D59619, H00072, AL037047, AA631969, AL036139, AL037016, AL036132, D80193, D80196, AL119457, D80168,</p>	

	AL119324, AL037085, AL036953, AL042544, AL119399, AW392670, AL119443, AL119497, AL119418, C75259, AW372827, AW384394, AL119319, AW363220, AL119391, AL119483, AL134531, AL119484, AL119355, U46341, AL119522, AL119363, AL134920, U46351, U46350, AL042965, AL119341, AL119335, AL119396, U46349, AL119464, AL119496, U46347, AL134538, AL119444, AL037205, AL119439, AL119401, AL043029, U46346, AL042614, AL042975, AL042984, AL134532, AL134533, U46345, AB020681, A97211, X68127, Z96142, AR036905, A95051, AJ244003, AJ244004, A85477, A85396, V00745, AR062871, AR031374, A49700, AR031375, AR017907, D88984, I18371, A38214, A58521, AR025207, A44171, I56772, I95540, AR018924, A63067, A51047, A63064, AR018923, A48774, A63072, AR020969, A48775, X73004, AR068507, AR068506, AR015960, AR000007, AR015961, A98767, A93963, A93964, I63120, A95052, A95117, A18053, I06859, A18050, A84772, A23334, A75888, I70384, A02712, A60111, A23633, AR007512, A25909, I19516, A23998, A84776, A84773, A84775, AR062872, A84774, AR062873, AR067731, AR043602, AR043603, A58524, AR043601, AR067732, AFL18808, A86792, A58522, I60241, A58523, I60242, A92133, AR037157, A20702, A91750, A43189, A43188, A20700, A64081, AF156296, AR054109, E16590, A35537, I03343, AR036903, A24783, A24782, D28584, A02136, A04664, AJ244005, I03665, A35536, A81878, A02135, A04663, I03664, E13740, E12615, AR035193, AR022240, A13393, I01992, A27396, AR027100, I28266, A11245, A02710, A58525, A82653, I13349, E14304, A07700, A13392, A49045, I19517, A76773, A15078, A22413, E16636, I25027, I21869, I26929, I44515, I26928, I26930, I26927, E16678, I08051, A67220, A93016, A70040,

1067	HMSGC65	875527	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 647 of SEQ ID NO:1067, b is an integer of 15 to 661, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1067, and where b is greater than or equal to a + 14.</p>	<p>AF156294, I00074, AR038762, AR000006, E03165, I49890, I44516, I66495, I66494, I66498, I66497, I66496, I66486, I66487, I00079, U87250, I92483, AR038286, A92636, AJ230933, D14548, E02221, E01614, E13364, E00523, A58526, A91753, Y11923, I00077, I25041, AR035975, AR035974, AR035977, AR035976, AR035978, D34614, A97221, AB012117, A51384, AR008430, S70644, AF096810, A91754, Y11926, A10361, X58217, I68636, AF019720, I07429, A60957, AF156299, A60968, I84554, I84553, S65373, Y17188, AR066482, A60985, A60990, A60987, AF096793, D44443, A18722, AB007195, X15418, M32676, A52326, AR064706, A10363, I69350, A91965, AR027069, A20701, I08250, A04710, AF130655, E04616, S83538, Y11449, X73003, X13220, AR063812, I07888, Y11920, E06034, I03663, AF156302, A02711, A04447, A04441, A04448, A04442, AR060234, Y11447, AR066494, A80951, AF096796, E03018</p>
1068	HCQDN81	875528	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AA306873, AA305881, AW245862, AA088641, AA932449, N31513, R25850, N44651, AW248398, R88663, AA137171, AI073401, AI824292, AW274454, AL136295, AF044127</p>

1069	HFICY86	875529	<p>is any integer between 1 to 150 of SEQ ID NO:1068, b is an integer of 15 to 164, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1068, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 990 of SEQ ID NO:1069, b is an integer of 15 to 1004, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1069, and where b is greater than or equal to a + 14.</p>	<p>AA603466, AA287389, AI810216, AA424696, AI346074, AA836562, AA954077, AA909145, AA828876, AI952639, AW083305, AA722253, AA418995, AF067844</p>
1070	HNTSA70	875534	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1292 of SEQ ID NO:1070, b is an integer of 15 to 1306, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1070, and where b is greater than or equal to a + 14.</p>	<p>AI183516, AI677878, AI460183, AI860487, AA780231, AA767130, AA642704, AI022239, AA446006, AI660816, AA456661, AA568272, AI190414, AA446282, AI336027, AA588255, AW182256, AA716624, AA761723, AA663995, AA587405, AW009807, W57982, AA181644, AI678107, W58160, AA171594, AA491861, AA976533, AL040533, AW389542, AA132079, AA745753, AA069141, AA677510, AA397367, AA830442, AA513145, AA933000, AI421653, AA716638, AI287624, AA828103, AA291822, AI801347, N40913, N73507, AA291719, AA854752, H14471, R65693, AI744803, H67766, AA620585, AI215422, H67765, AA852689, D19662, T81375, AA356246, AA173308, T81376, AA026796, H93596, R57341, AA385169, AI381042, H75612, AA132164, N59689, N77499, N57722, N57642, AW139381, U46838, D84557, D86726,</p>

1071	HWLMX6 4	875538	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 136 of SEQ ID NO:1071, b is an integer of 15 to 150, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1071, and where b is greater than or equal to a + 14.</p>	<p>U17565, U67284, U67282, U67283, U67281 R49345, AL079569, AW293080, AW292238, AI205711, AI935312, H03831, W15589, AI381335, AI753006, Z32775, AA418072, AI270007, AI016403, AA857211, AI368095, N76261, C21426, AA564813, AI245209, N62157, AI765556, T32732, AI865287, AW118713, H19452, AI702910, AA928614, AI378351, AA771798, AI079776, AA563729, AI129765, AI770121, AI985502, AI935621, R43221, R81646, AI480297, AI862340, AC005740, AB022663</p>
1072	HTWFG63	875539	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 372 of SEQ ID NO:1072, b is an integer of 15 to 386, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1072, and where b is greater than or equal to a + 14.</p>	<p>AI201047, AW182365, AW293223, AI206387, AI206389, H79861, AI218596, C01349, H79860, AC006449</p>
1073	HWLNY32	875543	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 609 of SEQ ID NO:1073, b is an integer of 15 to 623, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1073, and where b is greater</p>	<p>AL121541, N49995, N34595, AI557698</p>

1074	HLJDL64	875544	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 615 of SEQ ID NO:1074, b is an integer of 15 to 629, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1074, and where b is greater than or equal to $a + 14$.</p>	AL036180, AI110646, AI110645, AI207597, AI174665, AI174946, AW073816, Z98452, AA650324, AI064928, AI557077, AI133004, AI064831, AI065079, AI133259, AI133698, C18661, AI064836, AI064695, AA468444, AA075635, C18389, AI460015, AA886120, AA522946, C18379, AI133289, AI207423, AI133218, AI133420, AI110815, AI133099, AA229530, AA630934, AA247210, AA513233, AA229483, AA502854, AA075595, AA075016, AA522587, AA160197, AA130107, AW379318, AA081859, AL037870, AL048198, AA223082, AL037849, AI525868, AA524676, AA095651, AA091446, AA602274, C18017, AA490180, AA126340, AA149603, AI061660, AA196337, AA558762, AA493842, AL048429, AA522591, AI253444, AI114770, AA807804, AA533954, AI064907, AW390463, AA429176, AI366551, AA081406, AI717995, AI560053, AI524985, AI366019, AI907036, AI459473, AI525190, AW007608, AA194553, AA523493, AI253348, AA566024, AA095476, AA525479, AA878500, C16892, AW438405, AA978232, AA093359, AI832270, AW361632, AW062515, AA632775, AA091197, AA076526, AI884494, AA541550, AI833147, AA689249, AI366023, AA888285, AW238393, AA745556, AI709394, AA486180, AA216175, AA486974, AA211250, AA602242, AI832355, AA630170, AA654821, AA640561, AA659277, AA496598, AA112897, AA721533, AA081861, AA504683, AI888487, AA635254, AI064797, C18031, AA224000, AA627260, AA669077, AA595864, AA249205, AI536118, AI217035, AI653760, C18231, AA095843, AA165016, AA594949, AW081962, AA293391, AI064901, C17988, AI133314, C18852, C17170, AI832732, AA664578, AA640469, AW390478,
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				AA630259, AA659265, AA642163, AI720552, AA886596, AI832340, AW385222, AA193142, AI217021, AA197080, AA879049, AI124928, AA522984, AW361141, AI253310, AA148381, AA093612, AA092811, AA094304, AW275829, AI924211, AI366559, AW176708, AA492126, AW389679, AW401887, AA248521, AW238554, AW270021, AA575977, AA530955, AA469406, AA578589, AI720986, AW351917, AI000746, AA459176, AA886490, AL038077, AI459425, AA887028, AA887030, AW377099, AW188463, AA172233, AA095860, AA550932, AI525065, AI253331, AA643797, AA526350, AI434498, AL037048, AI635477, AA630251, AI557565, AI683207, AA737110, AA291026, AA610388, AW004905, AA095848, AA485848, AW044030, AI750150, AI557197, AA618334, AA091047, AA715869, AI204214, AA244429, AA093878, AA419429, AA089795, AA285306, C14174, AA468098, AA112030, AW361105, AI557150, AI720912, AA098789, AA493969, AI628930, AA679857, AI912529, X62996, X93334, V00662, J01415, D38112, AF134583, D38116, D38114, X93347, S55589, Y17171, Y17179, AJ238413, AL021068, I25652
1075	HHEQN62	875545	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 542 of SEQ ID NO:1075, b is an integer of 15 to 556, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1075, and where b is greater</p>	AA307385, H38113, AI383794, AF059531, AF059530

1076	HCQAF61	875546	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 406 of SEQ ID NO:1076, b is an integer of 15 to 420, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1076, and where b is greater than or equal to $a + 14$.</p>	AA148723, AA148592, U73633
1077	HCQCX63	875547	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 722 of SEQ ID NO:1077, b is an integer of 15 to 736, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1077, and where b is greater than or equal to $a + 14$.</p>	AA496222, N52937, AI913219, AA984383, AA725524, AI800841
1078	HOVET54	875548	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 885 of SEQ ID NO:1078, b is an integer of 15 to 899, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1078, and where b is greater</p>	<p>AI333686, AA781729, AA770054, N66727, AI535727, R49091, T68994, AA011536, T61907, Z40664, R70984, F03267, AA725067, R71002, AI557450, AI536045, AW392670, AL119457, AL119324, U46347, AL043003, AW384394, AL119484, AL119443, AW363220, AL119439, U46350, U46351, Z99396, AL134531, U46349, AL119319, AW372827, AL134527, AL134528, AL134530, AL134519, AL119391, AL043147, AL119483, AL134132, AL134525, AL134536, AL134538, AL119363, AL042989, AL134533, AL119497, AL037205, AL119444,</p>

1079	HR0DW53	8755550	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2201 of SEQ ID NO:1079, b is an integer of 15 to 2215, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1079, and where b is greater than or equal to $a + 14$.</p>	<p>AL119355, AL042965, AL119335, AL079442, U46346, U46341, AL119396, AR060234, AR066494, A81671, AB026436, AR054110, AR069079</p> <p>AW195340, AW444826, AA947277, AA722891, AW009448, AI420841, AA731773, AI565025, AI927332, AI336337, AI494131, AA947279, AA808216, AI651452, AA825545, AW452410, AI216219, AI243363, AI867450, AA812208, AI573209, AW292860, AA908226, AI458531, W93316, AW079969, AW002549, AI467887, N24875, AA256877, AA262505, AA749144, AA811313, R83301, AA778771, AA766428, AA682799, AW183953, AA255868, H58733, AW243205, AA931058, AI246223, H69591, H69785, AA973454, R83395, N36294, AA299701, AI803225, AA299702, T03865, H58344, H75668, H59592, AA812777, T77893, AA411001, AW367969, AW377666, AA354797, AI825279, AA677816, AW389598, H69023, H65620, AA419509, AI886081, AW377657, AA255471, AA648958, AW296622, W93427, AW183272, AI203101, AW389617, AW367976, AA815060, H67272, H65619, AI218105, AA256747, Z38443, H59593, F05460, AI634666, AI208005</p>
1080	H2CBE60	8755551	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 585 of SEQ ID NO:1080, b is an integer of 15 to 599, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1080, and where b is greater than or equal to $a + 14$.</p>	<p>AA307347, R25920, D80022, D59859, AA305578, C14389, D80188, D59467, D51799, D80248, D80166, D51423, D59619, D80210, D80240, D80253, D81030, D58283, D59275, D80212, D80366, AA305409, C14331, D80219, D80043, D80195, D80522, D80391, D80164, D59787, D80227, D59502, C14014, D57483, D59610, D81026, D80269, D80024, AA514186, D59889, D80196, D80133, D59927, C15076, D80038, D50979, D51022, D50995, D51060, D80193, D80045, AA514188, D80251, D80241, AW360811, D80378, AW377671, AW177440, D80268, C14429, AW178893, T03269, AW375405, AW360844, D80439, D80302, C75259, D80247, AW179328, AW366296, AW177501, AW177511, AW360817, AW375406, AW378534,</p>

	AW352171, AW179332, AW377672, AW179023, AW178905, C05695, AW178906, AW178754, AW179024, AW377676, AW378532, D59373, AW177505, AW360841, AW179020, AW178775, AW178909, D80134, AW177456, D51250, AW352170, D80132, AW177731, AW178907, AW178762, D58253, AW179019, AW179018, AW352158, AW178971, D51759, D80157, AW352117, D51103, AW367967, AW369651, AW179004, AW179329, AW179012, AW178980, AW177733, AW378528, AW179007, AW178908, AW178983, AW352174, D52291, AW176467, AW179017, AW179009, F13647, AW178914, AW378543, AW378525, AW352163, T11417, D80168, AW352120, T48593, D81111, D59653, C06015, C14298, D58246, AW178774, AW178781, AW178911, AW378540, AW177722, AI910186, C14227, AW177728, D59503, D80064, D45260, D58101, AW360834, AI905856, D59627, C14407, Z21582, H67866, D80258, H67854, T03116, AW178986, AW367950, C03092, AW177723, AI525923, AA809122, D59317, AI535850, AW177734, AI525920, AI525917, D51221, D51213, AI557751, D59474, D45273, AA514184, AW177508, D80014, AW177497, C14957, C14973, C14344, AW378533, AA285331, D51097, D60010, AI557774, AI535886, H67858, T03048, AW179013, D59551, AI525235, AI525912, T02974, AW178759, AI525227, Z30160, C14046, D60214, AW378539, AI525215, AI525242, AW378542, C16955, AI525925, AI525222, Z33452, C05763, D31458, AI525216, T02868, AW360855, AI525237, D80007, AF055668, AF055669, AR008278, A62298, AB028859, AJ132110, AR018138, A84916, A62300, AF058696, A82595, X67155, Y17188, D26022, Y12724, A25909, A67220, D89785, A78862, D34614, A94995, AR060385, AB002449, AR008443, D88547, I50126, I50132, I50128, I50133, AR016808, X82626, AR066488, AR016514, AR025207, AR060138, A45456, A26615,

1081	HWMCK4 5	875552	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 628 of SEQ ID NO:1081, b is an integer of 15 to 642, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1081, and where b is greater than or equal to a + 14.	AR052274, Y09669, A43192, A43190, AR038669, AR066490, AR066487, A30438, I18367, X64588, I14842, AR054175, D50010, Y17187, AR008277, AR008281, A63261, X68127, AR008408, AB012117, AR062872, A70867, AR016691, AR016690, U46128, D13509, A64136, A68321, I79511, AR060133, A85396, D88507, AR066482, A44171, A85477, I19525, A86792, I32384, X93549, U79457, AF123263, AR032065, AR008382 W44982, AC003042
1082	HKAFL60	875553	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 556 of SEQ ID NO:1082, b is an integer of 15 to 570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1082, and where b is greater than or equal to a + 14.	AI871640, AI809329, AW293495, AI631630, AA731792, AA809789, H97646, AA564836, AI913067, AL117328
1083	HUSXP66	875554	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI800576, AI376958, AI087840, AW069881, AI038673, AW339528, AW440579, AI057432, AI800751, AW371940, AA580863, R06900, AA026058,

1084	HTLEY14	875556	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 661 of SEQ ID NO:1083, b is an integer of 15 to 675, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1083, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 614 of SEQ ID NO:1084, b is an integer of 15 to 628, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1084, and where b is greater than or equal to a + 14.</p>	<p>AL037436, AL038838, AL038983, AL038822, AL041238, AL044037, AL044037, AL038532, AL047170, AL040463, AL037727, AL040576, AL045753, AL041752, AL045684, AL040625, AL047219, AL044162, AL041602, AL043492, AL040839, AL043677, AL040193, AL043467, AL040510, AL040621, AL043538, AL047183, AL043496, AL040464, AL046442, AL041635, AL045817, AL041133, AL041324, AL040322, AL041098, AL044074, AL040119, AL041955, AL040294, AL043923, AL043814, AL041096, AL043845, AL045920, AL041163, AL047057, AL037435, AL044064, AL040149, AL041459, AL041730, AL041523, AL041159, AL041577, AL040472, AL038761, AL043627, AL040052, AL037295, AL041374, AL041292, AL041358, AL046850, AL040444, AL041296, AL040768, AL040332, AL043848, AL041142, AL042135, AL043570, AL041346, AL046994, AL041086, AL046914, AL040529, AL040370, AL040745, AL046330, AL041197, AL039316, AL046392, AL040128, AL044272, AL134524, AL045671, AL047036, AL041233, AL040342, AL037343, AL037335, AL044258, AL040148, AL040553, AL040458, AL044187, AL044199, AL037323, AL044125, AL049018, AL040285, AL045990,</p>
			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 661 of SEQ ID NO:1083, b is an integer of 15 to 675, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1083, and where b is greater than or equal to a + 14.</p>	<p>AL037436, AL038838, AL038983, AL038822, AL041238, AL044037, AL044037, AL038532, AL047170, AL040463, AL037727, AL040576, AL045753, AL041752, AL045684, AL040625, AL047219, AL044162, AL041602, AL043492, AL040839, AL043677, AL040193, AL043467, AL040510, AL040621, AL043538, AL047183, AL043496, AL040464, AL046442, AL041635, AL045817, AL041133, AL041324, AL040322, AL041098, AL044074, AL040119, AL041955, AL040294, AL043923, AL043814, AL041096, AL043845, AL045920, AL041163, AL047057, AL037435, AL044064, AL040149, AL041459, AL041730, AL041523, AL041159, AL041577, AL040472, AL038761, AL043627, AL040052, AL037295, AL041374, AL041292, AL041358, AL046850, AL040444, AL041296, AL040768, AL040332, AL043848, AL041142, AL042135, AL043570, AL041346, AL046994, AL041086, AL046914, AL040529, AL040370, AL040745, AL046330, AL041197, AL039316, AL046392, AL040128, AL044272, AL134524, AL045671, AL047036, AL041233, AL040342, AL037343, AL037335, AL044258, AL040148, AL040553, AL040458, AL044187, AL044199, AL037323, AL044125, AL049018, AL040285, AL045990,</p>

	AL046327, AL041277, AL040091, AL037443, AL040155, AL041347, AL041131, AL039744, AL041168, AL044165, AL044274, AL040571, AL039338, AL041051, AL040168, AL039643, AL079878, AL040075, AL045989, AL041186, AL039432, AL042096, AL041246, AL040414, AL040253, AL041227, AL040090, AL043775, AL044201, AL043941, AL037341, AL041140, AL045857, AL040082, AL041278, AL040329, AL043444, AL079852, AL045725, AL039915, AL043612, AL040255, AL040238, AL040263, AL039360, AL042898, AL045328, AL037279, AL041210, AL049069, AL044529, AL047037, AL043537, Z30131, AL038745, T23957, T23985, AL080031, AL046147, AA585439, AL045211, Z28355, AA585101, AI541365, AI525556, AI541374, AI540967, AI525431, AI541523, AI541514, T23888, T11028, R29445, R28735, T41289, D61254, AI547039, AI557731, AI526073, AL134110, R29177, AA585453, AI525320, AL047163, AA585476, AI525306, AI541535, AI546855, AA174170, AI556967, AI541509, AI546828, AI535639, AI557262, AI526194, AI526140, AI541017, AI541013, AI541508, AI547295, AI546891, AI557787, AI525316, C16305, AI546999, AL045327, AL041344, AI541510, C16300, AI541390, AI557799, AI557807, D57491, AI541307, AL043440, R29218, C15189, AL036259, AL046097, AI525321, AI525328, AI526187, AI526184, AI557238, AI546945, AL040385, AA585438, D55233, C14723, AA585434, AI526144, AA585356, AI546899, AI546875, AL045994, AJ239433, AI557796, AI541534, AI526176, AA585440, AR064707, I15717, I15718, I08395, M28262, E13740, AJ244003, AJ244004, E03627, I48927, AJ244005, I08396, A60212, A60209, A60210, Y16359, A60211, A98767, D78345,

	A93963, A93964, AR062872, I63120, AR017907, AR062873, AR062871, A25909, I06859, A18050, A23334, A75888, I70384, A90655, A02712, A60111, I84553, A23633, AR007512, AF082186, A81878, I84554, A77094, A77095, AR031566, A85395, A85476, I00682, A95051, A18053, A86792, A20702, A64973, A35536, A35537, X83865, A11623, E00609, A11624, A43189, A43188, A20700, A02135, A04663, A02136, A04664, A84772, A11178, E01007, A98420, A98423, A98432, A98436, A98417, A98427, A84776, A84773, A84775, A84774, I13349, A10361, AR067731, AR037157, AR054109, AR067732, A58522, AR038855, AR043601, A11245, A91750, I44681, I03331, A02710, E12615, I18895, AR035193, A92133, E14304, A07700, A13392, A13393, I62368, AR031488, I13521, I52048, A27396, A91965, E16678, AR027100, I49890, I44531, I28266, I21869, I44516, A70040, A82653, AF149828, E16636, A95117, A93016, A24783, A24782, A58524, I05558, A58523, I01995, I25027, I26929, I44515, I26928, I26930, I26927, I08051, I60241, I60242, AR038762, A20699, E00696, E00697, AR009151, I66485, I66487, E03813, I66482, I66483, I66484, I66498, I66497, I66496, AR038066, AR027099, I66486, AJ230935, AR051652, AR051651, AJ244007, AJ230902, AR008429, A22738, I08389, X07299, D13316, AJ230972, AB025273, U94592, D50010, AJ230951, AR051957, AJ231009, Y09813, AJ238010, E12584, X81969, I19525, AR066494, Z32836, AR035975, AR035977, I18302, D13509, A70872, AJ231028, E17098, I66495, I66494, A22734, AR022273, AJ230867, AR035974, AR035976, AR035978, A70869, AL137394, AB014583, AL080126, AJ230845, I36244, AR051864, D17247, AR051865, A93923, A06631, S60422, AJ231011, A93916, Y14219, AR063812, A24548, A24546, I05845,

1085	HOFMV44	875558	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1342 of SEQ ID NO:1085, b is an integer of 15 to 1356, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1085, and where b is greater than or equal to a + 14.</p>	<p>A93931, A16035, AJ230996, I03669, I03668, I33632, AR009152, A68112, A68104, I15353, A85203, I66481, A83642, A83643, I66488, E03654, I66489, I66490, I66491, I66492, I66493, AR054723, A05993, A05975, A05973, A05991, A05995, A83151, AR023813, AL133053, AL122101</p> <p>AA459463, AI219490, AA705318, AA459242, AA574007, N44974, N33185, AI246251, AW270960, W96335, AI247249, AW118922</p>
1086	HSLIN60	875559	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 689 of SEQ ID NO:1086, b is an integer of 15 to 703, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1086, and where b is greater than or equal to a + 14.</p>	<p>AA043203, AA633788, AA779964, AA077596, AA993172, AA721605, AA993810, N58116, W02490, AA250756, AA410936, AA812535, AW105026, AA978273, AA912417, AI015512, AA323882, N74558, AC002542</p>
1087	HCQAG54	875560	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 465 of</p>	<p>T59843, AA664394, AA224827, T59708</p>

1088	HHMMD6 0	875563	SEQ ID NO:1087, b is an integer of 15 to 479, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1087, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1088, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1088, and where b is greater than or equal to a + 14.	AI926573, AI733887, AI732593, AAI32660, AA132832, AC006449
1089	HWLMB59	875564	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1060 of SEQ ID NO:1089, b is an integer of 15 to 1074, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1089, and where b is greater than or equal to a + 14.	AA418204, AI133717, AA007464, AA279666, AA281169, N78164, AC006059, AF184110
1090	HUFAU68	875565	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1149 of	TI2323, H54278, AA032022, Z19186, R92145, TI9706, AA344428, AA031911, AW302758, AW187983, AB033011

			SEQ ID NO:1090, b is an integer of 15 to 1163, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1090, and where b is greater than or equal to a + 14.	
1091	H2LAX58	875567	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 757 of SEQ ID NO:1091, b is an integer of 15 to 771, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1091, and where b is greater than or equal to a + 14.</p>	AA315557, AI632010, AI816905, R10787, D80166, D80212, D80022, C14389, C14331, D59619, D80210, D80240, D80219, D59502, D58283, D81030, D59859, D80043, D80195, D80391, D80164, D59787, D51423, D51799, D59275, D80253, D80227, D80193, C15076, D80196, D80045, D80188, D59467, D59927, C14429, D57483, D80269, D80366, D80038, D50979, D59889, R10697, D50995, AA305409, D59610, D80378, D80024, D80241, T03269, AW178893, D51060, C75259, C14014, AW178775, D51022, D80268, D81026, AW179328, D80134, AW177440, AW378532, D51250, D80522, AA305578, D80168, AW352158, D80949, F13647, AW369651, D59695, D80064, D80251, D80248, Z21582, D58253, AW178762, C14298, AA514188, AW177501, AW177511, C14227, D80133, D81111, C14407, AI910186, AA514186, AW352117, AW360811, D80132, AW378540, AI905856, AW377671, C05695, AW176467, AW375405, AW360844, AW179012, AW366296, AW360817, D80439, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, AW177505, AW377676, D80247, AW178754, AW179024, AW352170, AW360834, D59373, AA285331, D51097, D80302, AW360841, AW179020, AW178909, AW177456, AW178906, AW177731, AW178907, AW179019, AW179018, AW178971, AI557751, D80157, AW352174, AW179004, AW179329, AW178980, AW177733, AW378528, AW179007, AW178908, T11417, AW179220, AW177714, C14077, AW179017, AW179009, AW178914, AW378543, AW378525, D51103, D51759, AW367967, AW177722,

				<p>D80014, T03116, AW178983, AW352120, AW177728, AW178774, AW178781, AW178911, AW352163, D58101, D59627, D59503, D58246, D59653, T48593, D80258, C06015, D51213, AI557774, C03092, AW177723, AW378539, H67866, D45260, AI535850, AI525923, T02974, C14975, AW378533, AW367950, AW178986, H67854, AA809122, AW177734, C14344, AW177508, C14046, AW177497, D45273, D80228, AI525917, D59317, C14973, D60010, D51221, H67858, D59474, AI525920, AI535686, AA514184, AW179013, D59551, AW178759, T03048, F13796, C14957, D60214, AI525227, AI525235, AI535961, C16955, Z33452, AI525242, AI525912, AW378542, C13958, AI525925, A62300, A84916, A62298, AJ132110, AR018138, X67155, Y17188, A67220, D34614, D26022, A25909, D89785, A78862, I82448, AF058696, D88547, AR008278, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, A94995, AR060385, A85396, AR066482, A44171, AB002449, A85477, AR008443, I19525, A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, I14842, Y09669, A43192, A43190, AR038669, AR066490, AR066487, AR054175, A30438, I18367, D88507, D50010, Y17187, AF135125, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, I79511, X72378, AR064240, U87247, I32384, AB023656, U79457, AF123263, AR032065, X93535, AR008382, AW206804, AI337160, AI744024, H11326, AA886435, F10033, AA255487, AI499829, AW188608, AA508761</p>
1092	HCRQD82	875570	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 743 of</p>	

			SEQ ID NO:1092, b is an integer of 15 to 757, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1092, and where b is greater than or equal to a + 14.	
1093	HCRPV05	875572	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:1093, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1093, and where b is greater than or equal to a + 14.	AI955141, AI744943, RI6287, R15781, AI440022
1094	HHECM62	875573	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 534 of SEQ ID NO:1094, b is an integer of 15 to 548, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1094, and where b is greater than or equal to a + 14.	AI732599, AA132796, AW205259, AA885330, AA769901, AI609831, AW087786, AI423901, AA313420, AI791778
1095	HFOXW88	875574	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 846 of	AA146968, AA699958, AA700342, AI378339, AA146969, R07642, R07689, AC006344

1096	HWLXT17	875578	SEQ ID NO:1095, b is an integer of 15 to 860, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1095, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1740 of SEQ ID NO:1096, b is an integer of 15 to 1754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1096, and where b is greater than or equal to a + 14.	AI279511, AI679970, AA968450, AW081381, AI371994, AW450638, AI679532, N90808, AA399120, AA448632, AA398186, AA807135, R61258, AA769230, Z33585, R61259, AA746649, H10077, AA598764, R58928, AI700380, AL117693
1097	HODAY72	875583	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:1097, b is an integer of 15 to 774, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1097, and where b is greater than or equal to a + 14.	AA682526, AI702143, AC006352
1098	HCQB156	875584	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 150 of	D44721

			SEQ ID NO:1098, b is an integer of 15 to 164, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1098, and where b is greater than or equal to a + 14.	
1099	HTTCM45	875585	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 562 of SEQ ID NO:1099, b is an integer of 15 to 576, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1099, and where b is greater than or equal to a + 14.	AL133757, M78501
1100	HARNM58	875587	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 815 of SEQ ID NO:1100, b is an integer of 15 to 829, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1100, and where b is greater than or equal to a + 14.	AI640555, AW341429, AA010805, AW450715, AI040419, AI167746, AI123802, AA677191, AA972603, AI342357, AI050710, AI636070, AI636093, AW104447, AA011210, AW103112, AA625985, AI050704, H95386, W31489, AW452276, R43183, R45091
1101	HMIAQ09	875588	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1006 of	AI433411, AA772279, AA931112, AI580387, AW182214, AW444853, AW236085, H84320, AA384441, AA309603, H84319, AA991549, AL133615

1102	HE9MD57	875589	SEQ ID NO:1101, b is an integer of 15 to 1020, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1101, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 579 of SEQ ID NO:1102, b is an integer of 15 to 593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1102, and where b is greater than or equal to a + 14.	AA224205, AI750792, AI384092, AI827513, AI750808, AI081591, AA333825, R32422, R76408, AA682395, R06653
1103	HCQDA63	875590	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1415 of SEQ ID NO:1103, b is an integer of 15 to 1429, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1103, and where b is greater than or equal to a + 14.	AI522107, AI378319, AA234318, AI692527, W38548, AI290259, AI470641, R19919, AA234561, AA973961, F11345, F09005, R45139, AI470879, AW132159, AA482991, AA988920, AA146698, H59248, H28631, H28612, AA205262, N56056, N90091, AA095089, H68801, AI341225, AW001798, AA205188, AC004067, AC002091, AC003695
1104	HWLRO57	875594	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 713 of	H13920, R82788, Y15909

			SEQ ID NO:1104, b is an integer of 15 to 727, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1104, and where b is greater than or equal to a + 14.	
1105	HHEQO60	875596	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 591 of SEQ ID NO:1105, b is an integer of 15 to 605, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1105, and where b is greater than or equal to a + 14.	AI638800, AI701032, AI568329, AI225238, Z82200
1106	HMUBG89	875597	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 791 of SEQ ID NO:1106, b is an integer of 15 to 805, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1106, and where b is greater than or equal to a + 14.	H98768, AI300431, AI076535, AI082879, AI689961, H03865, AI701454, AI458282, N33061, W07734, AI263212, R46614, T67479, AI991356, AI654356, N78714, AI696043, N23489
1107	HDPRN70	875598	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 341 of	

1108	HCRM33	875600	<p>SEQ ID NO:1107, b is an integer of 15 to 355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1107, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 433 of SEQ ID NO:1108, b is an integer of 15 to 447, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1108, and where b is greater than or equal to a + 14.</p>	
1109	HROBR56	875604	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 788 of SEQ ID NO:1109, b is an integer of 15 to 802, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1109, and where b is greater than or equal to a + 14.</p>	<p>AI657019, AI623299, AA393186, AA398646, AI263831, AA364607</p>
1110	HWLMU3 3	875605	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 444 of</p>	AA126535

1111	HCRQC94	875606	<p>SEQ ID NO:1110, b is an integer of 15 to 458, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1110, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 740 of SEQ ID NO:1111, b is an integer of 15 to 754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1111, and where b is greater than or equal to a + 14.</p>	AA533280, AI133211, AW275798, Z28740, H79608, Z99396, AW392670, AL119457, AW372827, AL119497, AW384394, AL119484, AL119391, AL119319, AL119483, AW363220, AL119324, AL119443, U46350, AL119522, AL119355, AL119363, U46351, U46341, U46349, AL119341, AL036418, AL038837, AL119335, AL119418, AL119396, AL119496, U46347, AL037051, AL042965, AL036725, AA631969, U46346, AL119444, AL037205, AL119439, AL134538, AL036858, AL134531, AL119401, AL134532, AL134533, AL134536, AL042614, AL042542, AL036924, AL042975, AL043029, AL042984, AL119399, AL134920, U46345, AL042544, AL043019, AL038509, AL042551, AL037085, AL043011, AL042450, AL037094, AL043003, AL037526, AL036196, AL037639, AL036268, AL037082, AL036767, AL036190, AL037077, AL119464, AL036774, AL038520, AL036998, AL038851, AL038447, AL036733, AL037178, AL036238, AL036719, AL037615, AL037027, AL036765, AL036191, AL036679, D63477, AR066494, AR060234, A81671, AB026436, AR023813, AR064707, AR054110, AR069079 N70420
1112	HCRMQ55	875608	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 610 of SEQ ID NO:1112, b is an integer of 15 to 624, where both a and b</p>	

1113	HSAZF81	875609	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1112, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 646 of SEQ ID NO:1113, b is an integer of 15 to 660, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1113, and where b is greater than or equal to a + 14.</p>	<p>AI863439, R11144, AI360315, AA203688, H24452, R11145, R01108, AW002361, Z41757, AW295865, AI961650, AI052438, AW131513, AW089844, AI688241, AW080746, AW163834, AI886884, AI076157, AI270183, AI918677, AI696603, AI499963, AI364167, AI470717, AW132056, AI524139, AA128660, AI872423, AI370623, AI927233, AW080700, AI281782, AA179186, AI582910, AW075382, AW004606, AI638644, AI522256, AW029489, AI439452, AI682798, AW188525, AI619820, AI621341, AA810605, AI554516, AA814343, AI868680, AW051088, AW084396, AA806720, AI590043, AI284084, AI926593, AI568293, W46513, AI698391, AW007580, AI866469, AI648699, AI561288, AW081515, AW129264, AW081349, AI628180, AW088560, AI909697, AI625226, AI559296, AI590227, AI932794, AW166583, T69241, AI633066, AI620864, AI561356, AI279677, AI633125, AI079226, AW087837, AI631273, AI538564, AI699175, AI915291, AW152182, AI434969, AI889862, AI696714, AW085734, AI434731, AI889189, AI678602, AI473536, AI338427, AI884318, AA745155, AI863319, AW081252, AI573164, AI520859, W74529, AI865906, AI912544, AI701097, AI571867, AI349482, AI439385, AW131282, AI499570, AI570056, AI699823, AI765103, AI918809, AI868931, AI333104, AW105296, AI553645, AI368943, AI934259, AI688300, AA836168, AW150750, AI888022, AI860027, AI270706, AI367680, AI630932, AI611738, A65341, AL137533, I89947, I33984, AF047716, A41579,</p>
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1114	HTJMO37	875610	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 503 of SEQ ID NO:1114, b is an integer of 15 to 517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1114, and where b is greater than or equal to a + 14.</p>	<p>Z13966, U62966, AF199027, AR034821, L25851, AL050155, AR038854, AL122100, AL117587, AL137530, A77033, A77035, AL117460, Z97214, D44497, X95310, AL117636, A52184, X68560, S69381, X99971, AF116573, AF013214, AL080146, AF080068, Z82022, X59813, X66366, X66871, AL133665, AF183393, A58545, A23327, A76337, AL137271, E12806, AC006115, AL137711, AF185576, AF032666, A21103, AL133084, AL080159, AF059611, AL137478, AF106697, U73682, X52220, AL049557, AF167995, A86558, X61399, AF222801, AF061981, I32738, AF008439, AF118847, L10730, A76335</p> <p>AA252455, AI191596, AI216511, AI221932, AL044538, AL044537</p>
1115	HKCSA54	875611	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 872 of SEQ ID NO:1115, b is an integer of 15 to 886, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1115, and where b is greater than or equal to a + 14.</p>	<p>AA078787, AA664392, AA047305, AA078903, T82427, AA618308, AA047306, AC007688</p>

1116	HWLQA55	875612	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 301 of SEQ ID NO:1116, b is an integer of 15 to 315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1116, and where b is greater than or equal to a + 14.</p>	<p>AI767589, AI732392, AW083534, AW007152, AW004781, AA053033</p>
1117	HWBDT63	875613	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 735 of SEQ ID NO:1117, b is an integer of 15 to 749, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1117, and where b is greater than or equal to a + 14.</p>	<p>AI273587, Z36969, AA132614, AA602080, AA629773</p>
1118	H2CBQ54	875625	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 702 of SEQ ID NO:1118, b is an integer of 15 to 716, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1118, and where b is greater than or equal to a + 14.</p>	<p>AA313350</p>

1119	HCQCX54	875628	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 348 of SEQ ID NO:1119, b is an integer of 15 to 362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1119, and where b is greater than or equal to a + 14.</p>	<p>AI131026, AA716622, AI057161, AA774194, AA156854, AA225603, AA716534, AA213506, AI742559, AI820099, AA643860, AA343612, AW294591, AA636011, AI440145, H21764, AA716363, AA362352, AA352145, R64559, AA076494, Z95114, Z82215, AF070675</p>
1120	HCQCG75	875629	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1234 of SEQ ID NO:1120, b is an integer of 15 to 1248, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1120, and where b is greater than or equal to a + 14.</p>	
1121	HHEZN36	875630	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:1121, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1121, and where b is greater than or equal to a + 14.</p>	<p>AA402496, AI435815, AA505991, AI359093, AW197200, AA234622, AA402558, AA258509, H17033, R14272</p>

1122	HPCIS18	875631	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 768 of SEQ ID NO:1122, b is an integer of 15 to 782, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1122, and where b is greater than or equal to a + 14.	AA313376, AW296351, I68732
1123	HISAT54	875632	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 754 of SEQ ID NO:1123, b is an integer of 15 to 768, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1123, and where b is greater than or equal to a + 14.	AI913155, AI672147, AI935812, AI742124, AI953577, AI378301, AI420915, N32927, AI985091, AI633160, AA724413, AA913627, AA025763, AI569838, AI867104, AA447105, AI267291, N42073, AI963746, AA707999, AI473202, AI379471, AI383622, AA025951, AI675725, AW149902, AI114877
1124	HLWAC54	875633	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 260 of SEQ ID NO:1124, b is an integer of 15 to 274, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1124, and where b is greater than or equal to a + 14.	AF130356, AB026118

1125	HKMAB82	875634	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:1125, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1125, and where b is greater than or equal to a + 14.</p>	<p>N28667, AI659988, AI082031, AI693456, AI880139, AA581592, H73764, H16504, AI871552, AI002235, AA350218, H05516, AI268133, R46302, AI417378, AA418492, AI278150, AA418394, R46207, AI281736, AI027423, R15667, AA355971, H74147, AW195643, AI478495, R62421, R62495, AW453056, AA507440, W21975, AA364092, AC006312, AF055899</p>
1126	HPVAB96	875635	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:1126, b is an integer of 15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1126, and where b is greater than or equal to a + 14.</p>	<p>AA219147, AI884470, AA464382, AC006475, AL009051</p>
1127	HBMSX53	875636	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1127, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1127, and where b is greater than or equal to a + 14.</p>	<p>AA810265, AA897140, AI656737, AA768557, AA767085, AI969070, AA847937, AC005018</p>

1128	HCFCS58	875638	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2215 of SEQ ID NO:1128, b is an integer of 15 to 2229, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1128, and where b is greater than or equal to a + 14.</p>	AI373860, AI142548, AI160244, AI803364, AA732841, AI435516, AI095583, AI076620, AI167180, AI936640, AI339776, AA969232, AW137670, AI391504, W68702, AW207539, W79914, AA917467, AI459137, AI148710, AA287408, AI762559, AI040652, AW026057, AA522920, AA866005, AI016161, AA055361, AA625635, W23647, AA707093, AA913826, AI083994, AI015839, W69531, AI796928, AI890078, AI830098, AA937098, AA305157, AI581290, C01766, AI050874, AI199472, AI097584, H92773, AI074517, AI074538, AI151312, AW028614, AI674344, AA305656, AI990059, R62238, AI095293, AI052777, AA287357, AI085262, AI354825, AA282043, AI828501, AA989141, AI936558, AA917921, AW207658, AA581990, H66449, AI809556, H66448, AI087807, AA976485, AI089883, AI161211, AW102710, AI370809, AA282205, AA358542, AW054857, AA810757, F13499, AA876563, AA215693, AI084131, AI828164, W74293, F22539, AI870008, AI671095, AA476727, AA404240, AA831950, AA026585, AA370269, AI359885, AA631293, AW340672, AL121501, N31738, D19607, AA423998, W68795, AW301681, AA037423, AA744671, AI498589, AA705091, AI185927, AA425621, W24523, R83202, AW072175, AA886734, AI568422, AI128796, AI423010, W39033, N92339, N27093, AI906207, AI354764, AI829997, AI216318, AI292222, W24115, AI700186, AW166486, AI808019, AI417379, AI274365, AI192992, AA327411, AI801970, AI560400, AI334057, AW205138, AW135446, AI356227, AI418487, AI334250, AI301676, Z39418, AW206667, AA026695, AA449697, AA307877, W69448, AW136707, AI356196, AI858772, AI268621, AW054727, AW206873, AI077709, AW300595, AI394380, AI369492, AI300626, AI702163, AW137374, AI366348, AW137612, AW104420,
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1129	HPMK129	875639	<p>W91924, AW197110, AI741307, AI378575, AA713480, AI690421, AI699132, N68496, AI567731, AI928419, W91925, AI932938, AA026893, R92744, AI935511, AI242962, AI952546, AW384749, AA036709,</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>

			<p>the general formula of a-b, where a is any integer between 1 to 935 of SEQ ID NO:1129, b is an integer of 15 to 949, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1129, and where b is greater than or equal to a + 14.</p>	<p>AI659575, AW384762, AF176699, AL022395, AF174590, AF199355</p>
1130	HMWFZ60	875640	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1404 of SEQ ID NO:1130, b is an integer of 15 to 1418, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1130, and where b is greater than or equal to a + 14.</p>	<p>AL135393, AI743624, AW007692, AI809103, AI693085, AW188260, AI628632, AA151384, AW170431, AI688464, AI884841, AA044177, AI435463, AI760308, AA641945, AI911252, AI808563, AA433872, AI597697, AA532734, W57862, AI187076, AI493091, AI624308, AA909039, AA856988, AA912119, AA099566, AA314491, AA603118, W60385, AI817675, AI804736, AI141817, AA635102, AA012931, AA831200, AA872405, AA099656, AW374351, AA317881, AW270235, AI128006, AA044362, AA971272, N53760, N73118, AI092800, AI125656, AA307420, AA299867, AI092789, AI087152, AI698768, AI075446, AI827489, AA909444, AI310357, W60294, AA557616, AI401792, H71979, AI201315, R91255, R53622, W57788, AA905502, AI080642, AI953627, AA040065, N49849, R51953, AI039773, R44774, AI354614, AI695145, W52685, AA641347, AA230242, AA311605, AA485131, N33951, AA001274, AA001885, AA130833, R91256, D31320, AA676280, AA947975, AA299866, AA88090, AA055655, AI028370, AA485132, AA076953, N71776, H67264, AW087608, R25747, R85994, N49662, AA382910, R40695, AI433728, AA402168, R13260, AA402822, AA502327, AA515875, AW004807, AA627525, AI826454, AA319306, AA082526, AA151383, AA074596, AA494303, R19108, AW235427, R26592, AA702744, AA130948, AI419583, AI538143, AA230299, AI656420, AA588457, N67517,</p>

1131	HUCPH16	875641	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1648 of SEQ ID NO:1131, b is an integer of 15 to 1662, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1131, and where b is greater than or equal to a + 14.</p>	<p>AI262101, AI538153, AA078050, AC005074, AF084479, AF072810, AB032253</p> <p>AI694079, AI469419, AA521321, AA621120, AI873548, AW162015, N24406, AI745250, AI816009, AI034067, AA861921, AA994985, R91349, AA732547, H99156, AA429548, R91302, AI809579, AA921820, AI471875, AA910181, AL042168, AA741400, AF071771, U09850, AF011758</p>
1132	HCUA52	875642	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 373 of SEQ ID NO:1132, b is an integer of 15 to 387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1132, and where b is greater than or equal to a + 14.</p>	<p>AA834872, F30466, F36527, F01431, AA564994, AW394057, AF001548, AC005340, AC005934</p>
1133	HTWCN56	875646	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 68 of SEQ ID NO:1133, b is an integer of 15 to 82, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AL042551</p>

1134	HWLUF58	875650	NO:1133, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 792 of SEQ ID NO:1134, b is an integer of 15 to 806, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1134, and where b is greater than or equal to a + 14.	AI148558, AI991236, AI346818, AA528254, AA573948, AA582937, AA148254, AW009953, AA278825, AI262374, AA148255, AW337649, AW292443, AI879821, AA568456, AA769741, AA441911, AA928164, AI277160, AI368975, AA442018, HI6108, AI024901, W17108, AI910530, AI675866, AA278827, T25032, AA282250, AB023416
1135	HWLMI53	875651	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 625 of SEQ ID NO:1135, b is an integer of 15 to 639, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1135, and where b is greater than or equal to a + 14.	AI148558, AI991236, AI346818, AA528254, AA573948, AA582937, AA148254, AW009953, AA278825, AI262374, AA148255, AW337649, AW292443, AA769741, AI879821, AA568456, AA441911, AI277160, AI368975, AA928164, AI024901, AI910530, AI675866, W17108, T25032, AA442018, AA282250, H16108, AB023416
1136	HWLMB54	875653	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1136, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI656739, AW194261, AI191572, AI686332, AW241658, AI081504, AA287936, AW439964, AI147409, AI073550, AI627477, AA570523, AI149073, N23389, AW148760, AI952927, AI039002, AW170120, AI953877, AI478397, AI203256, AA057114, AI077376, AL043541, AI631759, AI302584, R46593, AA776807, AI471297, H08065, AI825574, AI000483, AI474396, AA993288, R60870, R49614, D63065, AI188876, AI471175, AI565375, R42276, AW130341, AI381205, AA025481, D60482,

			NO:1136, and where b is greater than or equal to a + 14.	AI381203, AW135516, AW139222, AI864636, AI783564, AI439711, AI969032, AA828409, AI914914, AI302951, D62081, R38686, AI351832, F10577, AA215377, R77944, R42277, AA170804, H24643, N71896, AA025591, H25840, H02001, N26541, R78406, C02270, AI298146, D79240, AA057854, AA288000
1137	HOEY53	875654	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1137, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1137, and where b is greater than or equal to a + 14.	AL119748, AL040243, AL041862, AL045500, AW087445, AW071349, AL042745, AI433976, AI433157, AI702406, AI275175, AL042628, AI564719, AI521012, AL079977, AL049085, AI580190, AI500659, AW301409, AI620284, AA640779, AI539771, AI500077, AI538716, AL047763, AL045266, AL040169, AL042627, AL121270, AL119049, AW082113, AI469532, AI537677, AI818683, AI340582, AL121328, AL040097, AI436456, AL119791, AL036146, AI815855, AW074993, AW238730, AL121365, AI064830, AI349772, AI349256, AL036396, AI863014, AW117882, AA572758, AI207510, AI499463, AW103371, AI349645, AL042744, AL036361, AL038605, AL036403, AW071417, AI866457, AI349004, AL036802, AL045620, AI536685, AI500523, AL039276, AI919345, AW169671, AI497733, AI269862, AI567351, AL046926, AI284517, AA613907, AW268253, AI537515, AL036274, AI349598, AL045163, AL121463, AI340603, AW089572, AI687728, AI281779, AI440239, AI281773, AW302988, AI312428, AI783504, AI868831, AI524671, AI866608, AI590120, AI619502, AI802542, AW169653, AW026882, AL048656, AI475371, AI498579, AL119828, AI312152, AI345735, AI432656, AL079963, AI499393, AI349933, AI349937, AI364788, AI491776, AI824557, AI934036, AW162071, AI612913, AI801325,

				AW148716, AI500706, AL048871, AI445237, AI348897, AW151138, AI440426, AI500662, AI687127, AI284509, AI499512, AI633493, AL135661, AL036980, AI857296, AI702433, AI521560, AW303152, AA508692, AI866573, AI434256, AI475817, AI815232, AI284513, AW148320, AI631107, AI800453, AI800433, AI888118, AI560012, AI285735, AI625079, AI635461, AI679724, AI920968, AL042551, F37439, AI690835, AI572787, AW075351, AW068845, AI648684, AW403717, AI687362, AW268220, AI610362, AI282655, AI872711, AW150578, AL047041, AI873731, AI499920, AI349614, AA427700, AA470491, AI432666, AI697137, AI929108, AL042787, AI636456, AI343112, AI608667, AW002342, AI475451, AI682841, AI224992, AI866780, AI799199, AI273142, AI282281, AI250293, AI269696, AI869367, AW104724, AI888661, AL042538, AI610307, AI340519, AL047042, AW074869, AI633419, AI866002, AW083804, AI922901, AI439087, AL120736, AI687415, AI610645, AW302965, AI590128, AW274192, AI491852, AI862144, AI285826, AI433037, AW161579, AI539153, AL043981, AW151485, AI554245, AI537244, AI274541, AI307708, AI446606, AA804740, AL120853, AI754897, AA225339, AL036631, AI445432, AL036759, AI254251, AI366549, AI309401, AI610429, AI889189, AW301300, F37471, AL120854, AI671679, AI568870, AI637584, AI758437, AI445025, AL038779, AW075413, AW020693, AI445165, AI580984, AI906328, AI554427, AI597918, AW082040, AL046849, AF090901, I48979, AF090903, AL050108, AF090934, U91329, AF113690, AF118064, I89947, AL117457, AF090943, AF113013, AL133640, AL137459,

	AL133016, AF078844, AF090900, AJ242859, AL117460, S78214, U42766, AL050393, AL049452, AL050116, AL133557, AL050146, I89931, A08916, AL110196, AL122050, Y11587, S68736, AF017152, AL080060, AL133080, AF113699, AF104032, Y16645, Y11254, AF113691, AL110221, AF113694, A08913, AL049938, AL050149, I48978, L31396, L31397, AR011880, AL049466, AL137527, AL133606, AF118070, AF125949, AF106862, A93016, I33392, AL133075, AL133113, AF113677, AF097996, AL137557, AF079765, AR059958, AL050277, AL133093, AL096744, AF090896, AF113019, AL122049, AL117583, AB019565, AL122093, AL117435, AF113689, A08910, I49625, AL049464, AL049382, AL049314, X84990, E07361, E07108, AL049300, AF113676, AL080137, AF111851, AL137550, AJ000937, AL117585, AL122121, AF158248, AL133560, AL080124, AL122123, A65341, X63574, E03348, X70685, A08909, AL117394, AF017437, AF177401, AL133565, U00763, AL049430, AF125948, AF146568, AF091084, AL137463, A03736, U72620, AL137283, AL122098, AJ238278, AL110225, AL122110, X82434, A58524, A58523, AF118094, AL137538, AL050138, X72889, I09360, AL050024, A77033, A77035, E02349, AL137648, X65873, X96540, I03321, Z82022, AF183393, A12297, AL137271, AL080127, U80742, X93495, U35846, AL133072, AL137521, AF087943, AL049283, U67958, AL080159, X98834, A08912, AL110197, AL133077, AF061943, E08263, E08264, E15569, I42402, S61953, AF067728, AL133014, AJ012755, AL133568, I26207, AL137560, U78525, A93350, AF119337, AF111112, AR000496, U39656, AF081197, AR038969, AC006371, AL050172, AR054984, AF026816, AL137556, AL137523, I17767, AF026124, Y14314, AL137526, AF153205, AF008439, AL133104,

1138	HUCQC25	875658	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1138, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1138, and where b is greater than or equal to a + 14.</p>	<p>AL133098, U96683, AL137488, AF003737, AF185576, AL110280, AL133067, E05822, Z72491, AF079763, Y09972, AF081195, AF106827, A07647, M30514, AL122111, Z37987, E02221, AF057300, AF057299, AR013797, AF162270, U68233, I92592, A90832, E08631, A45787, AL117440, AL137476, AF000145, U68387, AR038854, U58996, I00734, X87582, L30117, E00617, E00717, E00778, Y07905, AC004200, AL080074, X83508, E04233, AJ006417, AF111849, U49908, AC007458, AL137533, AL133081, X92070, AF118090, AL117432, AL080158, AL137480, Y10655, AF095901, L19437, AF132676, AF061836, AF210052, AC002464, AL050092, AL137273, A08911, AA994842, AW081730, AA001654, AI420895, AL137442</p>
1139	HCRMS71	875661	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 775 of SEQ ID NO:1139, b is an integer of 15 to 789, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1139, and where b is greater</p>	<p>AI693010, AA715045, AI885216, AI207366, AI357907, AI784056, AA621429, AW293970, AW204373, R43334, AA523584, AA781484, N94933, AB007870, AF000899, AL035697</p>

1140	HWLMS13	875662	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 816 of SEQ ID NO:1140, b is an integer of 15 to 830, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1140, and where b is greater than or equal to $a + 14$.</p>	<p>W32981, N46181, N46187, AA173644, AA352233, AA384809, R31168, W93675, U68494</p>
1141	HE6GF82	875663	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1096 of SEQ ID NO:1141, b is an integer of 15 to 1110, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1141, and where b is greater than or equal to $a + 14$.</p>	<p>AW003091, AA033907, AW292095, AW003066, AA994829, AA477259, AI203380, AW051389, AA481953, AW297105, AI168181, AI311568, AA402560, AI983314, AA402729, T32956, T15739, AI283188, AI206971, AI216276, AI285095, AA722476, R16257, F10673, AI888416, AA477907, AI424752, AW002217, AA082650, N83203, AA034007, AA701213, T47308, AI669678, F04444, AI868114, T47307, F01597, F01744, Z19661, AA041439, AW169604, AA455772, AW105601, AI587143, AI589267, AI340519, AI554821, AI682725, AI612885, AI784252, AI590423, AI288285, AI889168, AI345005, AI340511, AI799195, AI862144, AW059713, AI866465, AI310575, AI623746, AI887247, AI950664, AI340533, AI866770, AI273094, AA420722, N72726, AI890806, AL036664, AW075207, AI955906, AI343091, AI624056, AL036980, AI312428, AW268072, AI345735, AI811785, AI826225, AI431424, AL036631, AI307210, AW089471, AI500659, AI440263, AI313320, AW054931, AI340627, AW193134, AI379711, AI310504, AI312146, AI312339, AI345258, AI628296, AI349645,</p>

AI470293, AW071349, AI916419, AW196299, AI311604, AI811353, AW151138, AI624953, AI890907, AI868204, AA012905, AL038605, AI634224, AW090726, AI306705, AI349957, AI817237, AI283941, AI798373, AI478639, AW022682, AI280747, AI862142, AI247193, AI538850, AI680113, AW071380, AI934036, AI963668, AI349028, AW191916, AI567971, AW170700, AL121496, AW193000, AI312152, AI345347, AI758437, AW075084, AI309443, AW196037, AW163834, AW118508, AI159837, AI348914, AI567612, AI349937, AW020693, AI354283, AL048644, AI689702, AI307543, AI334884, AI348897, AW151786, AI349598, AI307708, AI312325, AI270707, AI340659, AA761557, AW269097, AI310940, AW151136, AI445115, AI963224, AI313352, AI539771, AW072588, AI334930, AI307736, AW080279, AI471282, AI307520, AI917123, AI340603, AI889147, AI433384, AI499986, AI349186, AI537677, AW089572, AI445237, AI494201, AW083804, AI608667, AW191844, N71180, AA508692, AI345739, AW088037, AI312143, AI690748, AI440426, AI612750, AL119836, AI654601, AW059828, AI434256, AW131428, AI336495, N75771, AW301300, AI815232, AI801325, AA493647, AI500523, AI310582, AI915291, AI274541, AI623682, AI349955, AI582932, AI284517, AI923989, AW075093, AI564736, AI500706, AI491776, AW268067, AI521560, AI889189, AI500662, AI284509, AW172723, AA641818, AI433037, AI349246, AI623796, AW081449, AI866573, AA579232, AI343037, AI633493, AW161579, AA635382, AI349256, AI270055, AI567582, AI805769, W33163, AI251221, AI888661, AL036705, AW268253, AL046463, AW191003,				
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AI284513, AI362637, AI573026, AI888118, AL039086, AC006276, A74801, AL049314, A08916, AC004943, A08910, A08909, AF090943, I89947, AL049423, AF039138, AF039137, AF097996, E02349, AL049452, AF124728, U42766, I48978, A08908, AL133098, A08913, AL050146, I89931, Y11254, AR038854, I49625, AL122049, A07647, U80742, AJ012755, Y10080, AF079763, AL122110, AF091084, AL122050, AF118090, AJ242859, AL050108, X96540, AF026816, AL049464, AL110280, AF017437, AL117460, I66342, AL137463, AL137271, AL117394, AF111851, AR068753, M30514, X72889, A58524, A58523, AF119337, X70685, I03321, AF090900, U68387, A08912, AL110225, U91329, AF057300, AF057299, A93016, U00763, AF113694, AF118094, AL110196, AF106827, U58996, AF153205, A93350, AF061943, AR020905, AF113677, AJ000937, Y10936, AL133081, AL137459, AF111849, AL133557, E07108, AL050149, AL117435, U35846, A65340, AL049430, Y09972, L31396, A90832, L31397, AL080124, L13297, A65341, AL049466, AL117649, AL110221, AF113676, Y08616, AL050138, X83508, I00734, AF003737, AL137556, AL137526, AL049938, AL133080, I33392, AL133640, AL117583, AL117585, AF017152, X59414, E00617, E00717, E00778, AL133077, X86693, U78525, AL133113, AL133072, AL137480, AL122123, S78214, E07361, A18777, AR013797, AF113019, AL137283, AF175903, AL049283, AF069506, Z82022, AJ238278, Z37987, AL117457, AF177401, AL122093, AL137550, X93495, AL133606, AL137521, X98834, AF081195, AF113013, AL035458, AF078844, AF113690, AF126247, E05822, AL137560, Z72491, AF000301, AL137529, E08631, AF125948, AL049347, AF146568, A12297, AF061573, AR011880, I09360, AF067728, Y11587, I26207, AL122118, AF113691, AB019565, AL133104,				
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1142	HSPBC14	875665	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 392 of SEQ ID NO:1142, b is an integer of 15 to 406, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1142, and where b is greater than or equal to a + 14.</p>	<p>AL133067, AL050277, AL049300, AF118064, AL137557, AF118070, AF113699, AL137648, AL080158, AF125949, AL133568, AF090896, Y07905, X63574, I08319, AC009501, U72620, I89934, X82434, L10353, E04233, A77033, A77035, AL080159, AF087943, AR000496, U39656, I48979, AF183393, AF026124, AF090903, Y14314, AL133016, AL096744, AJ003118, AF158248, AL133014, AL133665, AL137476, AL133560, S61953, AL080086, AL137538, M86826, X84990, AL133075, AL050116, I09499, AL117440, AF185576, AL050092, AF079765, A03736, AJ006417, AL137292, AF106862, AC002467, I41145, AF162270, A08907, AF100931, AL137478, X62580, AF051325, AR038969, AF047443, AF061795, AF151685, A45787, AL137656, AF081571, T66716</p> <p>AW439287</p>
1143	HOCNE41	875669	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1143, b is an integer of 15 to 421, where both a and b correspond to the positions of</p>	<p>AW206400</p>

1144	HCQBE51	875672	nucleotide residues shown in SEQ ID NO:1143, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 252 of SEQ ID NO:1144, b is an integer of 15 to 266, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1144, and where b is greater than or equal to a + 14.	AL134350
1145	HWLMX4 0	875673	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of SEQ ID NO:1145, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1145, and where b is greater than or equal to a + 14.	AW248502, AA868598
1146	HCRMB51	875677	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 421 of SEQ ID NO:1146, b is an integer of 15 to 435, where both a and b correspond to the positions of	AA251591

1147	HGBBH61	875678	<p>nucleotide residues shown in SEQ ID NO:1146, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:1147, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1147, and where b is greater than or equal to a + 14.</p>	<p>AA664156, AA767729, AA402095, AI700767, AA401940, AI935241, AW269601, AA345071, AW363622, AW074281, AI888088, AA054585, AW371974, AW362940</p>
1148	HCRNZ51	875680	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 382 of SEQ ID NO:1148, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1148, and where b is greater than or equal to a + 14.</p>	<p>W24854, AA279745, H29979, AI370512, AI149061, AA401945, AW270474, AC002094, AL021393, AL133163, AC004601, AC006449, AC005684, AL139054, AL109798, AL121655, AL031591, AB023051, AC005249, AL033527, AL035587, AC004966, AC004491, AC002538, AP000512, Z83826, U95739, AC004675, AL031597, Z95152, AF088219, AC010582, AC007057, AL049872, AC000026, AL021939, AC007738, AC002059, AC006538, AC005792, AC009263, AL020995, AC002350, AC006166, AL008732, AL121587, AL079333, AC003071, AC006540, AP000694, AL031005, AC012384, AC002565, AC004263, AC005197, AP000697, Z83822, AL049776, AC006571, AL031056, AC007637, AC004106, AL021578, AC003101, Z84466, AC005952, Z93242, AC006160, AL024508, AP000152, AC007676, AC002365, AL049745, AC005207, AP000008, AC004895, AC005844, AC002119, Z95113, AC004253, AC004685, AF196972, AP000704, AF030453, AC005886, X94768, AL022336, AL049759, AL009181, AC005520, AC005088</p>

1149	H2CAA51	875681	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 526 of SEQ ID NO:1149, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1149, and where b is greater than or equal to a + 14.	AA306969
1150	HT3AI55	875682	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1467 of SEQ ID NO:1150, b is an integer of 15 to 1481, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1150, and where b is greater than or equal to a + 14.	AI088910, AW043896, AA005100, AA262517, AI470354, W78980, R89654, AA261819, AI079770, AA037517, AA328236, AI584124, H19672, AI247711, AI217267, AL121782, AB034617, AL121754
1151	HLWBA37	875683	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1078 of SEQ ID NO:1151, b is an integer of 15 to 1092, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1151, and where b is greater than or equal to a + 14.	AI458851, AA142939, AA936413, AI741509, AI335942, AI002201, AA150633, AA446254, AW003610, AI091446, N62521, AI800649, AI880031, AA029154, AA776155, N31764, AA029051, N24835, AI610362, AI582932, AW075413, AI889189, AI433976, AA429993, AL045500, AI433157, AL042753, AI539771, AI923989, AI537677, AI500659, AI801325, AI500523, AI284517, AI500706, AI491776, AI445237, AW151138, AI521560, AI500662, AI284509, AI866573, AI633493, AI434256, AI888661, AI284513, AI888118, AI611738, AI251205, AI275175,

	AI434223, AI554821, AL042551, AI866510, AL036146, AI889168, AI620284, AI815232, AI340603, AI567360, AL046926, AL042787, AI440252, AI499463, AI890784, AW075351, AI800433, AW151136, AL079963, AI678357, AA938383, AW082113, AI270183, AI440239, AL041772, AL045266, AI269862, AI800453, AI537273, AL047763, AL040243, AI436456, AL042628, AI932794, AI963846, AI567940, AI345608, AW301410, AI817244, AI537515, AI612913, AI567993, AI285826, AI863014, AI475371, AI499512, AI889133, AI282281, AL043293, AI334884, AI610645, AI610402, AI917252, AI610429, AI349598, AI889148, AW074993, AI349614, AI364788, AI521594, AL042538, AI632408, AI572787, AA508692, AI312152, AI567935, AI869367, AI630928, AW129106, AL119863, AI432656, AI349937, AI348897, AI307708, AI796743, AI815855, AI538085, AI457369, AW148320, AI539028, AW073994, AI889953, AI281782, AI500077, AW238730, AI590830, AI802542, AW083804, AL042627, AA572758, AI499285, AW274192, AI950892, AL045620, F27788, N80094, AW071417, AI308032, AI345745, AI348854, AI344785, AI805769, AL036396, AI340582, AI866608, AI539847, AI432666, AI434468, AI890833, AI344817, AI926790, AI539632, AI564719, AI612885, AI591420, AI889376, AA420758, AI648663, AL038605, AI524671, AW051258, AW074869, AI873731, AI619502, AI677796, AW268253, AI922901, AI288305, AW118518, AL121496, AI866457, AI913452, AI570807, AW026882, AW050522, AI923370, AI345735, AI281772, AL121286, AI371251, AI345416, AI921248, AI345612, AW188539, AW301300,

AI702073, AL079740, AI804983, AW269097, AI933589, AL042745, AW169653, AI648684, AW268220, AI334450, AI345415, AW117746, AI274508, AI476046, AI633125, AI345471, AW302988, AI886753, AI698391, AI312428, AI783504, AI572418, AI686906, AI654276, AI349645, AL119049, AI682743, AI866770, AI758437, AI433037, AI873644, AI627988, AI309401, AI343112, AI889147, AW148294, AW089572, AI498579, AI064787, AI349256, AL039276, AI805762, AL041862, AL039086, AL048496, AW059837, AI955917, AI620003, AI446538, AI499986, AI633419, AI554245, AI306613, AI349957, AI284131, AB032963, U72620, I48979, I48978, AF113689, I89947, A08913, X72889, AF090903, AL133565, A65341, I33392, A08916, AL110221, AF090896, AR011880, AR059958, X63574, A08910, L31396, A08909, Z82022, L31397, AF113699, AL117583, I89931, A03736, I49625, AL117457, AL117435, A77033, AF090934, AL050146, E03348, AL050138, AF113690, A77035, AL133016, AL022165, AL122110, S68736, AC006501, AF113677, AL049452, AF106862, AL137538, AF158248, U42766, AF090901, AL050393, AL133606, AJ012755, Y11587, AL049382, AL137459, U80742, AL122093, AL137527, AL080060, AF113019, X82434, AL133080, S78214, AL137271, AF183393, X93495, U35846, E07361, A58524, A58523, AL137550, AL133557, AF091084, AL050149, AF087943, E02349, AL133560, AL050024, AF118070, AL080159, AL049430, AL133640, AF113013, AJ242859, AF177401, AC007877, AF078844, AL122121, AL122049, AL049464, AL122050, X70685, AL117460, AL122098, AF113676, Y16645, AL137557, AL110196, AL050277, AL117585, AF146568, AL133113, AL122123, AF113694, AF017437, AF118064, AF097996, AL049938, U00763,				
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1152	HE2LP33	875687	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 520 of SEQ ID NO:1152, b is an integer of 15 to 534, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1152, and where b is greater than or equal to a + 14.</p>	<p>AF104032, AL080124, AL133072, AL049466, A08912, I03321, AF118094, AF090943, AF111851, AJ238278, AF125948, X65873, AF079765, AF067728, AJ000937, AF113691, AL133075, AL050116, AL050108, AL137463, AL080137, AB019565, AL049314, E07108, AF090900, AF125949, AF026816, AF003737, S79832, X84990, AF026124, AF061943, AL133093, AL049283, Y11254, A12297, A93016, U67958, AL137648, AF017152, AL080127, AL110225, AL117394, AF022363, AF162270, I42402, L30117, AL049300, AL137560, AL096744, AL137521, X96540, AC004383, I26207, AC007179, S61953, AF008439, I09360, E15569, U91329, AC004686, A93350, AF119337, AF110520, AC002464, AL110197, Z98036, AC004883, U96683, AL133077, AR038969, AL137283, AC006336, X98834, AC007748, AR000496, U39656, AL022147, AL050172, AF111112, AL137526, AL133568, E08263, E08264, U95739, AC006017, AF185576, AL137533, E04233, AF153205, AL133104, AF057300, AF057299, Y14314, AL110280, AL022723, AL117440, AL133014, AC004837, AR034830, I96214, AF106827, AC008394, E05822, AL133665, AF079763</p>
1153	HCRMN10	875688	<p>Preferably excluded from the present invention are one or more</p>	<p>AB021638, AB023431, AC005954</p>

1154	HKMMR6 1		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 387 of SEQ ID NO:1153, b is an integer of 15 to 401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1153, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1093 of SEQ ID NO:1154, b is an integer of 15 to 1107, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1154, and where b is greater than or equal to a + 14.</p>	<p>W72774, AI961188, AA985560, AI269056, AA076186, AA541279, N46999, N51479, T67962, N53622, AL080011, AI952780, AI634350, AW055252, AI887163, AA969375, AA218835, N27874, AI540179, AW050850, AI818353, AI927233, AA528641, AA857847, R81679, AI440399, AI491775, AA594699, AA514684, AA721581, AA814782, AI635634, AA834534, AW163834, AI184903, AW149925, AI623941, AI524179, AI784214, AI539153, AA504514, AW132065, AI611743, AA878955, AI583578, AI824688, AI912434, AI683897, AA015749, AA196287, AL042191, AL049872, U62317, AC002471, AC005374, AC004383, AC006013, AC004878, AL022721, AL035458, AC004837, AC005291, AC004797, AC004934, AC006561, AL035587, AC005829, AC003041, AC002558, Z99495, AC005091, AC005156, AL035687, Z82206, AP000255, AC004941, AL034400, AL022165, AF031078, AF109907, AL110280, AP000213, AF030876, AC006017, AC004987, AP000135, AC005815, AC007458, AC006115, AC006222, AP000247, AL078463, AP000344, AC006344, AP000031, AC005488, AL031346, AL050322, AP000697, AL031281, AC005876, AL137270, U95739, AP000130, AP000208, AF207550, AC002464, AL096776, AC002472, AL022400, AC007172, AL133245,</p>
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1155	HUFDC50	875690	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 605 of SEQ ID NO:1155, b is an integer of 15 to 619, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1155, and where b is greater than or equal to a + 14.</p>	<p>AL031732, AL137716, AC004253, AL031984, AC002540, AC007193, AL020997, AF042090, AC006112, U52112, AP000152, AC002430, AF184110, AC002551, AF111168, AC006501, AF130343, AL096791, Z83840, AC005011, AC007384, AL050318 AA489935</p>
1156	HKLAB51	875697	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 517 of SEQ ID NO:1156, b is an integer of 15 to 531, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1156, and where b is greater than or equal to a + 14.</p>	<p>AA542845, AA782986, AW173084, AA971073, AW183046</p>
1157	HCGBB63	875698	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 812 of SEQ ID NO:1157, b is an integer of</p>	<p>AI568430, AI246554, AW027069, AA877169, AW149590, AI183422, AA716169, AI090869, AW005361, AA557127, AA993093, AW161538, AI214928, AI379010, AA506979, AI687187, AA433903, AA642688, AI335958, AI333689, W57684, AI040452, AI275620, AA890300, AI190701, AI290057, AI348102, AA926808, AI031596, N90906,</p>

			<p>15 to 826, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1157, and where b is greater than or equal to a + 14.</p>	<p>AA872078, AI2993396, W94366, N41036, AI282284, AI185236, AA453236, AI355169, W94475, AA948179, AW025303, AI146903, AI826491, AA827294, AI193123, AA451693, AI168575, AI268775, AI832661, AA885921, AI318374, W78211, AI797521, AW161473, AI878908, AA676574, W16482, AI140474, W19391, AA453076, AA807423, AW376438, W46807, F27907, H70310, AA746789, H22415, AA873324, AA427994, H18364, W16663, AA826881, H18333, C03502, F35271, F34797, AA375365, F32270, W46925, F35644, AA650485, AA758625, N89448, AA889188, AA494406, AA310092, H70822, AA906816, AA338496, AI335184, AA365661, AI906375, AA341769, AI459562, AA507722, C04086, AA327882, AA625863, F36483, AI906786, AA434582, H44893, W70314, H70823, AA583003, W31888, C01703, AI249827, F28846, H40883, AF044953, X59697</p>
1158	HRGDD40	875699	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 600 of SEQ ID NO:1158, b is an integer of 15 to 614, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1158, and where b is greater than or equal to a + 14.</p>	<p>AA827755</p>
1159	H2LAD49	875700	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 580 of SEQ ID NO:1159, b is an integer of</p>	<p>AI674404, AI091450, AA313891, N64362, AA593226, AW135198, D51423, D58283, D80253, D80188, D59859, D59610, D59502, D80227, D57483, D59275, D80022, C14331, D80166, D80366, D80195, D50979, D59619, D81030, D80210, D51799, D80391, D80164, D80240, D59889, D80043, D59787, D80269, D80212, D80196, D80378, D80038, D80219, D59467, D59927,</p>

<p>15 to 594, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1159, and where b is greater than or equal to a + 14.</p>	<p>C14389, D80193, D50995, C15076, D80024, D80241, AA305409, C14429, T03269, D80045, AW178893, D51060, C75259, C14014, AW178775, D51022, D80134, AW352158, D51250, AW179328, D81026, AW177440, AW378532, D80168, AA305578, D51079, D59695, D80251, D58253, F13647, D80522, D80248, C14227, AW178762, AA514188, AW177501, C14298, AW177511, D80133, D81111, Z21582, C14407, AA514186, AW360811, AW378540, AW377671, C05695, AW375405, AW179012, D80268, AW179024, AW178971, D80132, AW366296, AW179020, AW360817, AW375406, AW177456, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, AW179007, AW178754, AW177714, D59373, AW377676, AA285331, AW360834, D51097, D80302, D80014, AW179004, D80439, AW178906, AW352170, AW177731, AW178907, AW179019, AW179018, D80247, AI557751, AW378528, AW178908, D51103, AW352174, T11417, AW178983, AW178914, AW378543, AW378525, D59627, D80157, T03116, AI557774, D51759, AW178774, AW178781, AW352163, T48593, C06015, D50981, D80258, D51231, AW178755, D59653, T02974, H67854, AW178986, D45260, D51213, AW378533, AW367950, AA809122, D45273, T03048, C03092, AI525923, H67866, C14957, D59503, D59317, H67858, C14344, C14973, AI525917, D58246, AW179013, D80064, C16955, D51221, D59474, D59551, AI525920, AI525237, D60010, AA514184, D58101, AI535686, AI525235, Z30160, AI525227, AI535961, C14046, Z33452, AI525222, AI525242, A84916, A62300, A62298, AJ132110, AR018138, Y17188, X67155, D26022, A25909, A67220, D89785, A78862, D34614, I82448, D88547, AR008278, AF058696, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, AB002449, A94995, A85396, AR066482, AR060385, A44171, A85477, AR008443, I19525,</p>
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1160	HMSGN49	875703	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 345 of SEQ ID NO:1160, b is an integer of 15 to 359, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1160, and where b is greater than or equal to a + 14.</p>	<p>A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, Y09669, A43192, A43190, AR038669, AR066487, A30438, I18367, D88507, I14842, D50010, Y17187, AF135125, AR008277, AR008281, X64588, A63261, AR008408, I79511, AR062872, A70867, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, AR064240</p> <p>AW294985, AI656659, AI950220, AI624744, AW003841, AW081373, AI652917, AA332683</p>
1161	HWLMC49	875704	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:1161, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1161, and where b is greater than or equal to a + 14.</p>	<p>AA827244, T79702, T82086</p>
1162	HAVME52	875705	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AF109298, AW131127, AI092766, AA149579, N52554, N59831, AA151796, AA687571, AI474235, AA658141, AA296298, AA177004, W31561, AA523588, AI525303,</p>

1163	HCQDP49	875708	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1408 of SEQ ID NO:1162, b is an integer of 15 to 1422, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1162, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:1163, b is an integer of 15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1163, and where b is greater than or equal to a + 14.</p>	<p>N59830, AA662843, AA151807, W32120, W32085, W31628, AA523333, AC002064</p> <p>H29023</p>
1164	HCROW44	875717	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:1164, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1164, and where b is greater than or equal to a + 14.</p>	<p>T68115, AF090125, AF074264, AC007537, AF074265</p>
1165	HDPHF03	875719	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AW237145, AI964041, AI652991, AW388333, AW388283, AW388339, AW388453, AW378440, AW388413, AW388414, AI634155, AW388480,</p>

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 651 of SEQ ID NO:1165, b is an integer of 15 to 665, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1165, and where b is greater than or equal to a + 14.</p>	<p>AW388438, AI624430, AI677965, AI492186, AW388607, AW388633, AW388711, AI694383, AI963871, AI015391, N26502, AW388591, AW388449, AW388687, AW388511, N59336, AI352317, AW197113, AW366319, AI476054, AA526522, AW388455, AW388543, N67998, AW388336, AW388273, AW388642, AW388570, AW388358, AI206626, AW352126, H06135, R38073, AA639698, AA227926, AI001745, AW388561, AI267688, AW378421, AW378465, T32854, AW388265, AI619649, R44314, AW388270, AI423703, F10774, AW388586, R37116, T16595, C00538, R40211, H05894, AW388632, AW388615, AA227760, AW352118, AW023625, AW080157, AA693354, AW161156, AW020693, AI590043, AI623941, AI923446, AL079963, AI421662, AI567971, AI469754, AW089844, AA720970, AI696583, AI923989, AI818353, AW129264, AI559752, AL038986, AI500061, AI635082, AW163464, AI401697, AW059828, AW161098, AW020480, AI491842, AI538850, AL042944, AI619820, AI434731, AI114703, AI633125, AI698391, AI802695, AL120700, AI686808, AL040161, AI744204, N25033, AI673278, AI370623, AW168406, AL120526, AL040844, AA641818, AL036954, AA832154, AI610714, AW160916, AI818574, N29277, AW188525, AI538829, AI612747, AL043152, AW151974, AI890907, AI799228, AI817373, AL120588, AL045413, AI539690, AI627988, AI628325, AA907131, AW024921, AI567582, AI247082, AW023338, AI610690, AI884459, AL046942, AI866801, AL134999, AL121014, AI798456, R20540, AI446775, AL048323, AL120056, AL048340, AL047344, N33175, AA937574, AL119863, AI801793, AI440238, AI583578, AW051088, AI244343, AL045986, AI929108, AL135517, AL080011, AW160905, AI285514, AI887308, AI307604,</p>
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	AI374987, AI687568, AI580190, AL043196, AI866131, AI590943, AI699823, AA128805, T95813, AA814990, AI523973, AI815237, AA292158, AI863241, AI285439, AI097137, AI638644, AW169671, AI631076, AA928539, AI824688, AI824576, AI866465, AI872104, AI969655, AI686576, AW087445, AI952306, AI909641, AL036638, AI766348, AL040169, AW151132, AI628850, AI289483, AI457113, AI687944, AI522052, AW021662, AW188390, AI538764, AI682971, AI909697, AI536685, AI815232, AI866090, AI824375, AW162118, AI635950, T66952, AI874238, AW027898, AI687614, AA847198, AI580697, AI631082, AL039274, AW021717, AI421252, AI349012, AF090901, I48978, AL137533, AC007458, AF183393, Y16645, AI2558, AF090934, AF113694, AB016226, AF090900, U68387, AL133049, AF079763, AL050149, AF111851, AF002672, AF115392, M85164, AF114784, AJ005690, A65965, AF126247, AF126488, A65943, AL050172, AF106657, I48979, Y10655, X79812, AL117457, U62807, AF124728, AL050143, Y13350, AL137539, X66871, A77033, A77035, AL137554, AL096744, U72621, AL049452, S61953, AL122050, AB025103, AF090886, AL050116, AF125948, AL137488, AF113690, A65340, M85165, AJ000937, A03736, M79462, AL117635, AF113019, A65341, AL122104, AL133557, AL122093, AL133619, AL050393, AL133665, S36676, AL137459, AL110225, Y07905, X65873, AF008439, AL137550, AL133623, AF111849, AF090903, I00734, U92992, AF087943, Z37987, E00617, E00717, E00778, D83032, I89947, AF078844, AL122110, A08456, AF159615, I09499, AL133113, AF139986, AF182215, AL133560, Y11254, A08913, X89102, A91160, AJ010277, AL137254, A91162, AF192522, I28326, AR066485, X70685, Z82022, I80062, AF017152,

				AL122100, S83440, AF177401, AL035458, AL137463, A08910, E08516, AF077051, AL049283, AR060156, U42766, A58524, A58523, U75932, A08907, A18777, A31057, AF118094, AL133080, I33392, AL137530, E07108, AJ006039, U73682, E02221, AL080124, AL133559, I89931, AR020905, AL133637, AL080227, E03671, A76335, AF031147, AL050146, AL137660, U78525, AL133031, AL137267, X81464, I49625, A08909, AF082526, AF119336, AL049382, AF004713, I61429, AF026124, AF061795, AF151685, AF004162, AL110222, AL137480, AF131773, AL049430, AL137529, AL023657, X99971, A08912, AR034821, AL122121, AF057300, AF057299, AF104032, X72889, A08911, AF113013, AL050170, AF100931, AL137557, AL117587, AF132676, AF118090, AF061836, AL137658, AL133014, AF146568, S77771, AL137479, AF126372, AL117648, AL137627, AR013797, AL133084, AF162782, AL137471, Y09972, U75304, AL137294, S76508, A18788, AR038854, S78214, AL110159, Y08864, AF113699, AL137560, AF106827, AF118092, AF142672, AB007812, AF185614, U37359, AL133568, AL080129, AF019298, I34395, I18358, AF000167, AF097996, A08908, AF201468, AL133640, AR012379, X72624, AL080110, AL117460, M96857, E12580, U51123, AR068753, AL096728, AL117435, AL122123
1166	HCRM082	875722	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1063 of SEQ ID NO:1166, b is an integer of 15 to 1077, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	AI819400, AI814979, AA044953, AI689770, AA018062, AI590996, AI760506, AI910522, AL119008, AA135834, AA989500, AW451393, AA988092, AI741134, AA721752, AW316860, AI823528, AI672307, AW451917, AA911199, AI656437, AL119009

1167	HFCD47	875724	NO:1166, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1163 of SEQ ID NO:1167, b is an integer of 15 to 1177, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1167, and where b is greater than or equal to a + 14.	AI817320, AI147544, AI669712, AA610839, AI955720, AI056448, AI056793, AA402968, AI982764, AA909968, AA643704, AI499360, AW169601, AA832501, AI284966, AW272685, AA665839, AA922928, AA653898, AA470857, AA911776, AI359243, AI423624, AI587214, R14201, AA316613, AA883307, R37484, AA531527, N74317, AI089835, AA915883, AI381713, H04547, AA702343, H04468, AA059276, D30942, W05225, AA401934
1168	HFICJ16	875725	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 684 of SEQ ID NO:1168, b is an integer of 15 to 698, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1168, and where b is greater than or equal to a + 14.	AI394070, AI559997, AC007262
1169	HWLLU74	875727	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1394 of SEQ ID NO:1169, b is an integer of 15 to 1408, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI131018, AA579604, AI719085, AI859045, AW131268, AI814819, AI888714, AA568348, AI342165, AI860466, AA534872, AI914155, AI125453, W72331, W74397, AI300474, AA593735, AI498120, AA879110, AA995383, AI914049, AW449767, R60206, AA587361, AA588397, AI016404, H08009, H11647, AI269377, H12175, H19419, AI358021, T35018, AA470365, R14664, AA588354, H27693, H19418, H27694, H73776, AI337500, AI125449, AW078532, AA369905, Z41279, R45641,

1170	HLMDL53	875728	<p>NO:1169, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 810 of SEQ ID NO:1170, b is an integer of 15 to 824, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1170, and where b is greater than or equal to a + 14.</p>	<p>AA404338, AA935725, AI678765</p> <p>AA700315, AA485611</p>
1171	HODBC46	875729	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 581 of SEQ ID NO:1171, b is an integer of 15 to 595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1171, and where b is greater than or equal to a + 14.</p>	
1172	HCYBO46	875731	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 472 of SEQ ID NO:1172, b is an integer of 15 to 486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA305824, AA315640, AW390685, D59502, AA193420, D80043, D59275, D81030, D57483, D59859, D80391, D80024, D58283, D80253, D80196, D59787, D80166, D51423, D80195, D59619, D80210, D51799, D80240, D59927, D80227, D80022, D80212, D80188, D80219, D50995, D80269, D80038, C14389, D59889, C14331, D80366, D80193, D80164, D59610, D50979, C15076, D59467, D80378, C14429, AA305409, D80241, D80045, T03269, C14014, D51060, C75259, D51022, AW178893, D80134, D81026, F13647, AW179328,</p>

	NO:1172, and where b is greater than or equal to a + 14.	D80268, D51250, AW178775, AW177440, AW378532, AA305578, D58253, C14227, D80949, AW369651, D80522, D80168, D52291, D51079, AW352158, D80251, D81111, Z21582, D80248, AW178762, AA514188, AI910186, AA514186, C14298, AI905856, AW177501, AW177511, D80064, D80133, AW360811, C14407, C05695, AW352117, AW176467, AW375405, AW378540, AW377671, AI557751, D80132, AA285331, AW177731, D51097, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW360834, D80302, AW352171, D80439, AW377676, AW178906, AW352170, AW178907, AW179019, AW179024, D59373, D80247, D51103, AW179220, AW177505, AW179020, AW360841, AW178909, AW177456, AW352174, AW179329, AW177733, AW178980, AW179018, D59503, AW378528, AW178908, AW178754, T11417, AW179004, AW177722, AW179012, D80014, AW178914, AW378525, AW367967, D80157, AW177728, T03116, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, D58246, AW178983, AW352120, AW178781, T48593, D58101, C06015, D80258, D59627, T02974, AW177723, D59653, AW177508, AW378539, C14975, D51213, D45260, AI535850, AI557774, AW378533, AW367950, H67854, AI525923, AW177497, C03092, H67866, AA809122, C14973, AW178986, AW177734, AI525235, AI525917, D45273, D59317, C14344, D51221, D59551, D50981, D59474, AI535686, AI525920, D60010, AA514184, C14957, D60214, AI525227, C14046, T03048, AI535961, AI525242, AI525912, AW378542, AI525925, AI525215, C16955, C05763, Z33452, AI525222, AF060219, A84916, A62300, A62298, AJ132110, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, D88547, AF058696, X82626, AR008278, AB028859, I82448, AR025207, Y12724, AB012117, X68127,
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1173	HCUEB32	875733	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1095 of SEQ ID NO:1173, b is an integer of 15 to 1109, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1173, and where b is greater than or equal to a + 14.</p>	<p>AW168181, AW206649, AI922409, AW080620, AW130528, AI761499, AA653277, AI927432, AW081680, AI167194, AW081694, AL040959, AW206389, AI652360, AA493404, AI652675, AI337391, AI203409, AI339098</p>
1174	HCRNQ45	875734	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 403 of SEQ ID NO:1174, b is an integer of 15 to 417, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1174, and where b is greater</p>	<p>W39008, AW444757, AW452817</p>

1175	HWLOO86	875736	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 958 of SEQ ID NO:1175, b is an integer of 15 to 972, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1175, and where b is greater than or equal to $a + 14$.</p>	<p>AW007552, AA631188, AI591162, AI597940, AI913964, AI125099, AA514439, AI732368, AA130570, AA524037, AI732382, AI913985, T24883, T24441, Z82216, AL049543, AE000660, AC005145, AL034369, AL031176, AL022158, Z69906, AL049750, AC007486, AL035552, AC008109, AL022164, Z97181, AC004865, AC002412, AC004075</p>
1176	HSPME53	875737	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 429 of SEQ ID NO:1176, b is an integer of 15 to 443, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1176, and where b is greater than or equal to $a + 14$.</p>	
1177	H2CBE48	875738	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:1177, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1177, and where b is greater</p>	<p>AI807250, AI089251, AI378396, AI650375, AI087818, AA770446, AI493563, AA805923, H75516, AI493544, AI261989, AA307336, C14331, C14344, C14407, D50995, D59927, AA514188, C14389, D80168, C03092, F13647, D58101, D80022, T02868, D80247, C15076, D45273, D80269, D51799, D59503, D80227, D59502, Z33452, D80228, D80188, D59467, AA305720, D59610, D80378, D80241, T03048, AI535961, AI525922, AI525920, AI525238, AI525237, AI525907, AI525903, AI525969, AJ005273, X58472, A62298, AF058696</p>

1178	HCQDJ47	875739	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 446 of SEQ ID NO:1178, b is an integer of 15 to 460, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1178, and where b is greater than or equal to $a + 14$.</p>	AW020917, AB007956	
1179	HDTKC01	875740	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 553 of SEQ ID NO:1179, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1179, and where b is greater than or equal to $a + 14$.</p>	AA521474, AI089721, AW297296, AW181990, AI097236, AI299185, AA931786, AA836613, AA976871, AI279776, R82197, H38948, AI886396, AW078989, W59999, AW235744, H86820, AW265599, AA936252, AA069472, AA987461, AA886940, N42321, AI524654, AI624859, AI572717, AW243741, AI432644, AW104141, AI345688, AI613314, AI682106, AL047344, AI627714, AI686589, AI801152, AI242248, AW023846, AI874166, AI336634, AA641818, AI701097, AI950664, AI345415, AW366372, AI491852, AI620056, AI804515, AW020693, AI582912, AI284034, AL041562, AW263804, AI887569, AW022494, AI619587, AW020288, AA056265, AL036780, AI613038, AI624529, AI669459, AI281412, AW163464, AI586931, AI473536, AI434223, AW083825, AI478902, AI884318, AI567211, AA857847, AI922037, AI799674, H41759, AI355613, AI687809, AW083572, AI923871, AW410430, AI537261, AI478282, AI627896, AI352290, AI679959, AI915291, AW152182, AI702527, AI472566, AI540674, AI436429, AL045163, AW020592, AI349957, AI348969, AI584130,	

	AI758924, AI345005, AW438793, AI471909, AI565172, AI249877, AW194014, AI804505, AW263823, AW073677, AI868204, AI633125, AI819545, AI345014, AI538564, AI799189, AI452560, AI655932, AI538716, AI699020, AI682640, AI690813, AW075382, AI309306, AW105431, AW411225, AI698391, AI633061, AI281772, AI520881, AI620643, AI355779, AW024594, AW118518, AI568886, AI638644, AI334893, AI688848, AI273856, AI491710, AI628214, AI434731, AI289791, AI473208, AI889189, AI690748, AI569975, AW081047, AI918554, AI306705, AI340627, AI554186, AI620003, AW073898, AI624157, AW148356, AI499570, AI499986, AI591310, AL045413, AL039274, AW022636, AI963068, AI955906, AI702301, AI471429, AL036923, AI866465, AL135024, AI538829, AI624084, R41605, AI889147, AI446124, AI623941, AA815283, AI500061, AI537677, AI439903, AW103628, AI254226, AI521560, AI521005, AI859644, AI699823, AI890907, AW020397, AI683173, AI670009, AI566003, F28295, AW170635, AI244647, AW088605, AW082532, AA019328, AI631264, AW089572, AW055252, AW090103, AW023871, AW192701, AA665612, AW117675, AI433600, AI440263, AI890838, AW079432, AI866573, AA042949, AI541048, AI784214, AL134712, AW152550, AW263569, AA572872, AI500523, AI538850, AW029317, AI859991, AI536836, AA827691, AI581033, AI925744, AI305157, AI473471, AI345612, AI241744, AI583578, AI349958, W45537, AI288285, AI254814, AA761557, AI345416, AA939199, AI310575, AI868180, AW024360, AW193467, AL039086, AI680504, AI648699, AI886181, AI285439, AA693331, AI433611,

AI254420, AW025279, AI678850, AI590043, AW129264, AB023145, AB028449, AL122045, U49908, AL080074, AL122100, X57084, AL122104, AF004162, AL137711, AR038854, E02152, AF002672, I89947, L13297, AI8777, AF118094, I48978, I33391, U42766, AL137558, U88966, E12806, AJ006039, A08913, U80742, AL137488, AL049324, E03671, AL117626, AL050149, A08912, AF141315, AF090901, X65873, AL133049, S77771, AF119337, U92992, I89931, U35846, AL117460, AL049466, AF032666, S76508, A08910, A08911, I89934, I49625, A08909, E02253, AF142672, M96857, X06146, AF185576, A08907, A08908, I52013, I32738, AL080126, A58524, A58523, Y18678, U58996, AF146568, AF119358, AL137539, Z97214, AR020905, AF036941, U72621, AF038440, A18788, AL050015, A86558, AL050208, A77033, A77035, AL133640, AF139986, AL137555, AF019298, AF000145, AL110280, X57961, AF115410, AL137283, AF090943, AF115392, AL137459, I17767, S82852, AL133113, AL049452, AR068466, A15345, AF026816, S75997, S78453, AL137478, X83544, AL137530, X80340, AL137271, AL049314, AL137258, M85165, U86379, AF026008, E12580, AF044323, AF061981, AL133619, AL137465, AF055917, AL035587, A17115, A18079, AL080124, AF067790, AL133637, AJ000937, AL133557, AL110158, E12579, U57352, AL122118, AL117435, E02221, A90832, AF008439, AL137479, I00734, AF113694, S63521, AF068753, AL133558, A65341, X70685, AF069506, X72624, AL050280, AF031147, AF183393, AF159148, Y09972, X54971, I09499, E00617, E00717, E00778, AF016271, AF030513, X66975, AF102578, AF106862, AF057300, AF057299, I89944, E12747, A21103, X63410, Y10823, AF106657, AL050172, AL117416, AF151109, AL080140, AF194030, E06743, AB016226, AF113019,				
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1180	HCQDI44	875746	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 335 of SEQ ID NO:1180, b is an integer of 15 to 349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1180, and where b is greater than or equal to a + 14.</p>	<p>A57389, AF113677, X66862, AL049339, Y16645, AL117587, AF087943, AL050277, AF107847, AL133081, AF141289, AF079763, AJ242859, AF047716, AL110221, AF090903, Y14314, AL050116, U51123, AF125948, L31396, AF158248, AL110224, AL2297, AL110222, AL137548, L31397, AJ005690, AF061943, AL137476, D83032, AL133665, AL137537, X81464, S83456, AL133067, D83989, AF017437, AF126247, X66871, AL049938, E04233, Y11254, AF038847, U02475, AL080159, AF200464, E15324, AF150103, AL137533, AF199027, U49434, X67813, AF137367, AJ012755, AL050366, AF113013, I29004, X66417, E01573, E02319, AF106945, AL137463, AL110171, X98066, Y10655, AF091084, AF090934, AF100931, S36676, AL049464, AL049382, X92070, AL137281, I26207</p>
				R17097
1181	HNFGP44	875747	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:1181, b is an integer of 15 to 379, where both a and b</p>	<p>AI133562, AA885881, AI783849, AA829608, AW058434, AL109610, AC005071, Z54246, Z69837, AC005516, AC007055, AC006057, AL078583, AF097732, AC005220, AC006964, AC004030, AC008545, AL049780, U91327, AC006023, AL020997, AL133371</p>

1182	HWLQG44	875751	correspond to the positions of nucleotide residues shown in SEQ ID NO:1181, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 389 of SEQ ID NO:1182, b is an integer of 15 to 403, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1182, and where b is greater than or equal to a + 14.	AW130607, AA976866, R66412, AI289641, AI459945, AC004851
1183	HHMMD4 4	875752	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 403 of SEQ ID NO:1183, b is an integer of 15 to 417, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1183, and where b is greater than or equal to a + 14.	AA262855
1184	HCQAC43	875753	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 629 of SEQ ID NO:1184, b is an integer of 15 to 643, where both a and b	AI880389, N20300, N63913, AW083576, N27569, N98285

1185	HWLUF33	875754	correspond to the positions of nucleotide residues shown in SEQ ID NO:1184, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 537 of SEQ ID NO:1185, b is an integer of 15 to 551, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1185, and where b is greater than or equal to a + 14.	AA280724, AW369170, R26169, H02035
1186	HCRPE66	875760	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1186, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1186, and where b is greater than or equal to a + 14.	AA922154, AI921318, AA909502, W73883, AC005021, L48427
1187	HCYBD73	875761	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:1187, b is an integer of 15 to 566, where both a and b	AA700080, AA305107, AI241587, AW295338, AI198105, T07192

1188	HWTCTF43	875765	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1187, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 290 of SEQ ID NO:1188, b is an integer of 15 to 304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1188, and where b is greater than or equal to a + 14.</p>	<p>W03161, AA372394, AA626628, AL134565, AA321501, AA598424, N46519, AI832184, AF003625, AC004065, AL022401, AC000980, AL022577, AC004066, AC004043, AL023878, AC007313, AC003091, AL031289, AF055066, Z80903, AL049778, AC005017, AC007533, Z73913, AC006257, AL132668, AL021329, AC001017, Z83820, AL031388, AC003976, AC002463, AC012085, AC004051, AL009047, AL022400, AL031673, Z94055, AC016831, AL133239, AL096803, Z83850, AC006197, AF126403, AC006466, AF002223, AC000114, AF036876, AC009891, AL031114, AC006195, AL121595, AL109847, AC006397, AL031116, AL080316, AL008629, AL034412, AL050401, U80459, U96409, AP000127, AP000205, AL009028, Z93929, AF003528, AL022727, AC004057, AF188025, AC006545, AC004010, AC006546, AL009174, AC006313, AP000245, AL031466, AF020801, AC002990, AC005539, AC005352, AP000141, AC008082, AL034351, AC002394, AC005703, AC006207, Z95126, AL133241, AC005939, Z95114, AP000088, AC005859, AL109662, AL022154, AL035695, AC000110, AC007004, AL030996, AL031074, AC002071, AC005337, D87675, AC004959, AL031584, AC004544, AC018633, AC004470, AL049859, AC007243, AL034410, AC004069, AL079306, AL121652, Z68746, Z99572, AL132777, AL035258, AL132774, AC006365, AC004908</p>
1189	HCRNA26	875766	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI492910, H27915, R87432, AC004492</p>

			is any integer between 1 to 526 of SEQ ID NO:1189, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1189, and where b is greater than or equal to a + 14.		
1190	HCQDD42	875768	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 475 of SEQ ID NO:1190, b is an integer of 15 to 489, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1190, and where b is greater than or equal to a + 14.	R30734, R58196, AI808768, AI809938	
1191	HCRNN21	875769	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:1191, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1191, and where b is greater than or equal to a + 14.	H39029, AL133893, AB023167	
1192	HCRNH26	875772	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AI261627, AW274550, AI418272, AA458605, AW293861, AA731376, AI927518, D80453, AI217860	

			is any integer between 1 to 814 of SEQ ID NO:1192, b is an integer of 15 to 828, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1192, and where b is greater than or equal to a + 14.	
1193	HDPWD42	875773	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 266 of SEQ ID NO:1193, b is an integer of 15 to 280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1193, and where b is greater than or equal to a + 14.	N91462, AI873775
1194	HTAET42	875774	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1194, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1194, and where b is greater than or equal to a + 14.	AC006946
1195	HMCIK65	875778	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AA488988, AI658816, AI808265, AI634138, AI695249, AA954672, AW236923, AA495812, AI308233, AA910211, AA488768, W21487, AI014480, AA484868, AW382542, N91779

1196	HDTGQ43	875779	<p>is any integer between 1 to 923 of SEQ ID NO:1195, b is an integer of 15 to 937, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1195, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1196, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1196, and where b is greater than or equal to a + 14.</p>	AA609595, AI034361, AA983577, AA948387, AI660929, AI277113, AA906837, W60817, W60814, R54995, AI828307, R55002, AI927134, AW448912, AW022996, AW020086, AL036634, AL036759, AL036858, AL036924, AL038447, AL037082, AL037639, AL119319, AL036719, AL110306, AI929108, AW071417, AI927233, AI621341, AI307557, AW162194, AL037615, AW084056, AI335214, AL035928, AL037021, AL037643, AL036167, AL038529, AW161202, AI537677, AW087445, AW079432, AW161098, AI349186, AI961589, AI474646, AI887775, AI583578, AL037049, AW151136, AI815232, AW303089, AW163834, AI623941, AW051088, AI270183, AL048298, AI567971, AI471429, AW023351, AI631977, AA580663, AI888665, AI445620, AI500061, AI866770, AL046944, AI285439, AI476076, AI475371, AL040636, AI440238, AI538885, AI889376, AI679550, AW020397, AI445611, AW163554, AI494201, AI679266, AI284509, AA572758, AI499963, AI340519, AI340603, AL045500, AI433157, AI345745, AI702073, AL036808, AI828412, N33175, AA420722, AI521560, AI523806, AW022102, AL040241, AI633125, AL036638, AI698391, AI446373, AI915291, AA514684, AI582932, AW411043, AI889189, AI380329, AI824576, AI241901, AI432570, AL138388, AI345688, AI923989, AI458588, W74529, AI274768, AI254727, AI818728,
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AI625209, AI866090, AL042551, AI802542, AL119863, AL040011, AW023338, AI345608, AA938092, AI933992, AI554485, AI554821, AL048323, AA259207, AA806719, AI290153, AI801556, AI539771, AI890576, AL048340, AW152182, AI623736, AW366372, H42557, AW022636, R32821, AI500659, AI345471, AI366549, AW269097, AI801325, AI500523, AI582966, AI538867, AI284517, AI499986, AI500706, AI307543, AI491776, AI445237, AW151138, AI434731, AI909661, AW172745, AI500662, AI680221, AI889168, AI345253, AI284060, AL039011, AI344935, AI866573, AI633493, AI433590, AI434256, AI245008, AI589428, AI805769, AI251221, AI888661, AI284513, AA464027, AI702065, AI888118, R75918, AI690948, AI889147, AW020095, AI536601, AI440252, AL047422, AI349957, AI758988, AL043321, AI536912, N29277, AL119836, AW410259, AI886415, AI345677, AI561356, AI352497, H89138, AL037454, AL042365, AL038605, AL119791, AI670009, AI689614, AW075382, AI801793, AA693314, AW089006, AA836168, AL038778, AA579232, AA635382, AW403717, AI866127, AL046466, AA088789, AI334930, AI918435, AL039086, AI802240, AL047344, AW169784, AW089275, AI349937, AI638644, AI560545, AW189301, AI288305, AI699823, AI620284, AI334445, AI866469, AW008353, AL120300, AI678428, AW168875, AI859991, AI582367, AI912434, AW170773, AI249877, AI690813, AI582926, E03348, Z82022, I89947, AL049283, I48978, I66342, AL110159, U67958, Y10655, A08916, AF182215, S68736, AR034821, A08913, AL049347, AL137271, AL080127, AL080140, AF026816, AL137539, A08910, A08909, AL117457, AR011880, Y11587, E03671, AL080159,				
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	Z97214, AL137627, Y14314, I32738, S77771, AF113689, I89931, X79812, AF087943, AR029490, U75932, AL080060, I49625, S83440, AL117435, AF079765, AL122110, AF069506, AL133075, M92439, AF183393, AL050116, AF158248, AL137550, AF100781, AF113019, AL110296, AL137538, AF026124, Z37987, AR029580, S61953, AL049466, AF125948, AL137292, I48979, AF078844, AL050277, AL133093, AL137554, A07647, AL050146, U80742, U49908, A77033, A77035, I33392, AF061795, AL050149, AF151685, AF177401, AL050138, AL110280, X72889, AF028823, AF118094, AL133640, AL137459, AF079763, AL110221, AL133016, A45787, AL050393, E07361, AF094480, AF090900, AL137533, AL122121, AF057300, AF057299, AL133560, AL133081, AF118092, U86379, AL137711, U87620, AL137656, A08912, Y10080, X82434, AF100931, A18777, A07588, AF113699, AJ238278, AF090903, AL096744, AF180525, AL133606, A03736, AL137521, X63574, AJ005690, AJ012755, AR038854, AL133637, AF113677, AF090943, AR000496, U39656, A08908, X84990, AF017790, M96857, AL137529, I30339, I30334, AL137256, AR068753, AF061573, AL137479, S76508, AL080124, AL137463, AF111112, X63410, AL117648, AL122049, Y16645, A65341, AL137478, AL110196, AL122050, AF141289, AR059958, AL117460, AL133077, AL122093, AL133619, AL133565, X98834, AF113691, AF113690, AF017437, AF097996, AL133080, AF146568, X93495, AL133049, AL137476, A93016, I00734, AL137283, S36676, A65340, X80340, M30514, AF047716, AL049452, AF113676, E00617, E00717, E00778, U68387, AL050108, AL080126, U35846, AF008439, I89934, AF113694, X66862, A86558, AF067728, AL080154, Z13966, AL137648, M86826, AL133568, AL117392, AF081197, AF081195, AL122123, U88966, AF091084,

				AF207750, A57389, AL117463, AL049938, Y11254, AL137523, AR038969, U90884, E02349, AF106827, AF111849, E15324, E07108, AF015958, U78525, AL133113, AL133072, AL137480, AF102578, AF106862, S78214, A58524, A58523, AF003737, AL137556, AF175903, AL050024, AL049430, I26207, AL117583, X52128, AL117585, AL133557, A93350, E01314, I03321, AF090901, A12297, U91329, D55641, AF090934, AF118064, I09360, AF118070, AL137560, AL122098, AF017152, U00686, AJ003118
1197	HT2SF78	875780	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1497 of SEQ ID NO:1197, b is an integer of 15 to 1511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1197, and where b is greater than or equal to a + 14.	AI291051, AA169183, W37412, AA081743, AA634346, W37413, N95342, AA757329, N49251, AI051537, W25251, AI028044, AI765214, H96923, AA844562, AW367898, N84978, N46525, AA169311, Z19468, AC007671, X77922, L43494, D26360, L32867, D45255, U53883, L38677, X84235, AC007544, AF088002
1198	HCRMG60	875781	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 729 of SEQ ID NO:1198, b is an integer of 15 to 743, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1198, and where b is greater than or equal to a + 14.	AA443447, AW386761
1199	HCRNC13	875782	Preferably excluded from the present invention are one or more	AA514691, AI863374, AA634463, AW015540, Z41103, AL046561

1200	HCRPH74	875783	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 495 of SEQ ID NO:1199, b is an integer of 15 to 509, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1199, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 252 of SEQ ID NO:1200, b is an integer of 15 to 266, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1200, and where b is greater than or equal to a + 14.</p>	AW058223, AI891075
1201	HCQDW41	875784	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:1201, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1201, and where b is greater than or equal to a + 14.</p>	AA236027, U91326, AF001549, U95742, AC007216, AC002045, AC002039, AC002425, AC002544
1202	HCRMZ22	875785	<p>Preferably excluded from the present invention are one or more</p>	AA226868, AA668240

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1202, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1202, and where b is greater than or equal to a + 14.</p>		
1203	HCQDE41	875786	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:1203, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1203, and where b is greater than or equal to a + 14.</p>	AA454059, N81040	
1204	HMKCZ06	875787	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:1204, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1204, and where b is greater than or equal to a + 14.</p>	<p>AI732208, AW007403, AA570148, AI990949, AA974880, AA502007, AA587096, AI748880, AA918155, D25690, AW338222, AA916641, AI732207, AI679197, AA532851, AA877116, R55320, AL031587, AL022322</p>	
1205	HMEGG05	875789	<p>Preferably excluded from the present invention are one or more</p>	<p>AA126720, AA304970, AI245437, C05706, AW074185, AI963381, AI278686, AI673497, AI355944,</p>	

1206	HNTMD41	875792	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2462 of SEQ ID NO:1205, b is an integer of 15 to 2476, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1205, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 616 of SEQ ID NO:1206, b is an integer of 15 to 630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1206, and where b is greater than or equal to a + 14.</p>	<p>AI254709, AI556972, AA861926, AI696647, R15875, N77782, AI583602, AA424183, AA424252, AA860484, AI590425, AA962253, AI539094, AA872756, C04708, H89906, AI245750, AI015771, AW087562, AW179256, AI857288, C20598, AA688200, AI866350, AI887115, AA370173, AA720604, AA599102, AA594409, AI3511720, AI818385, AI859521, AA360027, AI500090, AC006153, AJ250713, T66501</p>
1207	HCRN124	875794	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 616 of SEQ ID NO:1206, b is an integer of 15 to 630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1206, and where b is greater than or equal to a + 14.</p>	<p>AI689837, AW157773, AW134686, AI986479, AI879625, AW418716, AA975403, N90063, AA400229, AA554561, AI202416, AI208155, AI269000, AA480947, H05090, AA400228, AW137275, AI701698, AW392920</p>
1208	HWABK33	875798	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 741 of SEQ ID NO:1207, b is an integer of 15 to 755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1207, and where b is greater than or equal to a + 14.</p>	<p>AA827926, AI860653, AW161711, AI808773, AI636695, AA741501, AA740727, AI889967, AW070423, AI075387, AI754281, AI300905, AI150922, N62430, AA142986, AW243049, T88858, AW298247, N67204, AI866174, AA150916, AI830959, AW361300, AA630806, AC006011</p>

<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 586 of SEQ ID NO:1208, b is an integer of 15 to 600, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1208, and where b is greater than or equal to a + 14.</p>	<p>AA236532, Z39901, AI370677, H17781, T34975, AA936440, AW087776, AI886612, AI653609, AA593199, AA804236, AI285242, AA805442, AI686576, AW263796, AI553645, AW089275, AI927755, AI621341, AI623941, AI698391, AW104724, AI699865, AA848053, AW148536, AI624548, AI472536, AI567582, AI673363, AI537837, AW051088, AI815232, AI538564, AI915291, AW152182, AA908294, AI582932, AI889189, AI866469, AI624056, AI417790, AI884318, AA514684, AW167146, W74529, AI624304, AI609069, AI932794, AL046595, AI491842, AL121328, AI491805, AI590423, AI909661, AI690887, AI969655, AI370623, AW149925, AI865906, AI498067, AI784233, AI888746, AW078606, AW162194, AI624545, AI635492, AI874261, AI863665, AW189301, N33175, AW262491, AI886753, AW169234, AI798456, AI690410, AI917428, AW103878, AW029186, AI631216, AL042382, AI251221, AW265004, AL046944, AI499570, AI742728, AW118518, AW162690, AI866780, AI538885, AI927233, AI818353, AI963846, AW089405, AL043975, AI568138, AI590603, AI564426, AI870190, AI802542, AI440399, AA629959, AI273085, AI686817, AI522052, AW160916, AI635032, AI609409, AI583578, AI473528, AW073865, AI590043, AI207656, AI500061, AI799313, AL036673, AI469270, AI500714, AI225023, AI537244, AW090768, AI565128, AW129722, AI473536, AI499890, AI002285, AI819545, AI469532, AI583065, AI564719, AI288305, AW163834, AI345415, AW088328, AL079963, AW044386, AI702073, AI912356, AI636588, AI241763, AI812107, AI538764, AI913330, AW169671, AI570989, AI269580, AI538716, AW090736,</p>
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	AI624938, AI581033, AI978703, AL043355, AI805603, AW105087, AI345688, AI613038, AI612852, AI934052, AA641818, Z98446, AI247193, AW198090, AW085373, AW148408, AI613270, AL036923, AI570056, AI537303, AW264029, AI439762, AI433157, AI610690, AI640873, AI890907, AI536685, AI891084, AW078729, AI633125, AI670984, AI950729, AW168663, AI638644, AI923989, AL043345, AI249800, AA911767, AI686808, AI701097, AI432969, AI863321, AI623379, AI559619, AI699823, AW193530, AW073270, AI554485, AW079432, AW151136, AI682971, AW105412, AI655932, AL045500, AI500588, AI677796, AI250852, AI554821, AI538850, AI286256, AI619426, AI873644, AI359586, AI863382, AL119791, AI817523, AI570807, AI439452, AA602414, AI473451, AL138457, AI114703, AA738104, AW088698, AW078529, AI609375, AI633061, Z72491, AL117435, X70685, X72624, AL023657, AF118090, AF090903, I48978, AL137533, A77033, A77035, D83032, AF017437, I89947, AL137292, AL137558, AF113690, S36676, X84990, AF032666, AF146568, AL096744, AF090900, U75304, I08319, E05822, Z37987, A03736, S78214, AL050024, AL133640, AF106657, AR038854, AF069506, AF111849, A08913, AF081197, AL117460, AJ012755, X65873, AF182215, AF113019, AF118094, AL117626, AL117416, AL050092, AF067728, AF180525, AL050155, I09499, AL117648, AL049283, AL050172, AL080148, AL122121, X98834, AL137530, A08912, AF139986, AJ005690, A08910, I79595, AF002985, A08909, U83980, AL133665, I48979, AL133560, X82434, AF090934, Y16645, A08908, AL122050, AF183393, I66342, U78525, Y07905, AL080163, AL137479, AL110280, AL137550, U88966, AF100931, X80340,

			<p>AF031147, AL133016, X59414, E12747, E01573, E02319, AF067790, A12297, AF097996, AL049423, AF125948, AF061573, A08916, X83508, AF081195, A18777, AL122110, I89931, X72889, AL137459, U42766, AF139373, A93350, U68387, AF026816, I49625, A65341, AJ000937, AR034821, AF017152, AL110222, AF106862, X53587, AF076464, Y11587, AL133080, M85164, U96683, AL137529, AF090886, AL110221, E07108, AL117457, AL122118, AF090901, AL137294, E06743, I68732, A15345, X81464, X87582, A83556, AF087943, AL137271, AL096751, AL133031, AF079765, Z97214, AL133558, AL122100, AL050149, M92439, D16301, AF113677, I28326, AL137478, AC006336, AL137488, AL133113, AL110218, S76508, I89934, AF028823, I33392, Y10080, Z82022, AF153205, AF185614, AL133075, AL050116, AF177401, AL133568, AL050138, AL050393, AL137480, A21101, Y10655, AL110196, AL080159, E02349, AL117649, AF061795, AF151685, AJ003118, AF039138, AF039137, U49434, X06146, AR011880, AR013797, AR012379, AJ238278, M96857, I30339, I30334, AL137256, U31501, S68736, AL080129, AL137476, AL137539, S71381, AF078844, AR020905, AF200416, AF111851, A07647, AF185576, S77771, AJ006417, AF091084, Y11254, X83544, AL133081, AF079763, X52128, AF060866, AF142672, AL133557, AB007812, AF061981, AL122093, AL133606, I89944, AL133067, AF113689, AL049430, AL049382, AL080154, I42402, AL122111, AF210052, AL117583, Y14314, AL122045, AF158248, AL117394, AL137705, AL110224, AC004093, AL080118, X61970, A08907, AF113694, AF113699, M86826</p> <p>AA305027, AI167228, AI913614, AC021092</p>
1209	HCYBC44	875800	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>

1210	HWLQA40	875801	<p>the general formula of a-b, where a is any integer between 1 to 769 of SEQ ID NO:1209, b is an integer of 15 to 783, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1209, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1210, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1210, and where b is greater than or equal to a + 14.</p>	<p>AI563898, AW072034, AI985652, AW025367, AA568178, AW262766, R60170, AA946920, AI985700, AI341944, AI245652, AW149165, AI453178, R40393, Z39653, F09372, AA594484, T23979, F04421, F10466, F02571, R38571, R40082, F01627, AI978944, AI269816, AI588858, C00343, AI683935, AB033084, AF019638</p>
1211	HWHP143	875804	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1211, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1211, and where b is greater than or equal to a + 14.</p>	
1212	HKCSF43	875805	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AW139161, AI828623, AI675466, AI420850</p>

			the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1212, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1212, and where b is greater than or equal to a + 14.	
1213	HCQAD39	875808	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:1213, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1213, and where b is greater than or equal to a + 14.	AI309859, AI809088, AI650556, AI377258, AA629018, AW206377, AI968047, AI400261, AI014432, AI014514, AI143472, R02586, AI538164, AW387895, AW237769, AI474528, AA884915, AW387862, AA007677, AI522203, AW382761, X85547, AL080091
1214	HCRNL08	875809	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1074 of SEQ ID NO:1214, b is an integer of 15 to 1088, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1214, and where b is greater than or equal to a + 14.	AI539366, AI769976, AW172437, AA425434, AA425297, AA279085, AI147845, AL119860, AI382211, AA287851, AA747806, AA933947, AA905535, AW204513, AA235991, AI222124, AA368273, AA287818, AA713651, AA972476, AA235795, AA713778, AF117888, AJ001714, AJ001713, L29148, L29135
1215	HCRNY14	875810	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	

1216	HCRQG46	875814	<p>the general formula of a-b, where a is any integer between 1 to 368 of SEQ ID NO:1215, b is an integer of 15 to 382, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1215, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 811 of SEQ ID NO:1216, b is an integer of 15 to 825, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1216, and where b is greater than or equal to a + 14.</p>	<p>AW239403, Z99396, AW392670, AL119522, AW384394, AW363220, AL119497, AW372827, AL119443, AL036418, AL038837, AL119335, AL037051, AL036725, AA631969, AL119319, AL119324, AL119457, U46341, AL119396, AL036858, AL119483, AL119484, AL119363, AL119341, AL119391, AL119355, U46347, U46350, N71828, U46349, U46351, AL119496, AL039074, AL036924, AL042551, AL119418, AL119444, U46346, AL119399, AL042614, AL037205, AL119439, AL038509, AL042965, AL042975, AL134524, AL039564, AL134533, AL134528, AL037085, AL039085, U46345, AL039156, AL039108, AL039109, AL039128, AL042450, AL042984, AL119488, AL037094, AL037526, AL134527, AL134529, AL134538, AL036196, AL036190, AL043003, AL037639, AL042970, AL038520, AL039659, AL042542, AL036767, AL119511, AL042544, AL037082, AL043019, AL043029, AL036268, AL039912, AL037077, AL038447, AL036238, AL119464, AL038851, AL036774, AL042909, AL036733, AL036998, AL037027, AL037178, AL037615, AL036765, AL036719, AL036679, AL036191, AL036886, AL039410, AF105376, AC005411, AF105377, AF168992, AC005224, AB1671, AR060234, AR066494, AC005375, AR023813, AR064707, AR069079, AR054110, AB026436</p>
1217	HCRQK63	875815	Preferably excluded from the	M59710

1218	HWLVS38	875816	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 503 of SEQ ID NO:1217, b is an integer of 15 to 517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1217, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:1218, b is an integer of 15 to 774, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1218, and where b is greater than or equal to a + 14.</p>	<p>AI671182, AI343459, AA071514, AI917350, AW235354, AA648922, AI985626, AA082291, AI857422, AW139217, AA341262, AI800535, AA913262, Z99396, AL119457, AL119324, AW392670, AL119443, AL119399, AL036418, AL038837, AA631969, AL037051, AL036725, AW384394, AL036858, AL039074, AW363220, AW372827, AL119483, AL119418, AL036924, U46349, AL119497, AL119484, AL037094, U46347, U46351, U46350, AL119355, AL119319, AL119335, AL038509, AL039564, AL039085, AL039156, AL119363, AL119391, AL039108, AL039109, AL039128, AL119439, AL036196, AL036190, AL119444, U46341, AL119522, AL119341, AL037639, AL119396, AL036767, AL037526, AL134527, AL037085, AL119496, AL037205, U46346, AL038531, AL134538, AL036268, AL037082, AL038520, U46345, AI142134, AL038447, AL037077, AL037027, AL037178, AL037615, AL038851, AL036998, AL036733, AL036774, AL036719, AL036765, AL036679, AL036174, AL036191, AL036158, AL036836, AR060234, AR066494, AR023813, A81671, AR064707, AR054110, AB026436, AR069079</p>
1219	HCRNT27	875817	<p>Preferably excluded from the present invention are one or more</p>	AL035461

1220	HCRMT24	875819	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 542 of SEQ ID NO:1219, b is an integer of 15 to 556, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1219, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 134 of SEQ ID NO:1220, b is an integer of 15 to 148, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1220, and where b is greater than or equal to a + 14.</p>	AC007254	
1221	HCRNQ33	875820	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 315 of SEQ ID NO:1221, b is an integer of 15 to 329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1221, and where b is greater than or equal to a + 14.</p>		
1222	HWLUO71	875821	<p>Preferably excluded from the present invention are one or more</p>	T49153	

1223	HTXRZ02	875822	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 466 of SEQ ID NO:1222, b is an integer of 15 to 480, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1222, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1285 of SEQ ID NO:1223, b is an integer of 15 to 1299, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1223, and where b is greater than or equal to a + 14.</p>	<p>AI193178, AI076316, AI470965, AA703140, N34056, T80181, AI241153, AI952208, R37322, AA385859, W86007, N46975, AA700249, T48765, T87488, R97030, AC004150</p>
1224	HWMB04 7	875824	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1048 of SEQ ID NO:1224, b is an integer of 15 to 1062, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1224, and where b is greater than or equal to a + 14.</p>	<p>AW027620, AI478256, AA977072, AA479381, AA479885, H39098, AI660057, AI743611, AA724117, AA894537, H00481, AW304843, T73210, AI953325, AA102063, AA770698, AA428456, AI370710, R60534, C03787, AB020650</p>
1225	HCQCC37	875825	<p>Preferably excluded from the present invention are one or more</p>	AL046573

1226	HUUGY13	875826	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 594 of SEQ ID NO:1225, b is an integer of 15 to 608, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1225, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 875 of SEQ ID NO:1226, b is an integer of 15 to 889, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1226, and where b is greater than or equal to a + 14.</p>	<p>AA527277, AW403876, AW403877, AA112026, T67786, AI336206, AI472267, T11388, AI613487, AI889648, AI168361, D25667, AA586553, T18557, T67710, AI445768, AI567831, AI744381, AI921692, AI274006, AI042027, AI240308</p>
1227	HPMFM59	875828	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 725 of SEQ ID NO:1227, b is an integer of 15 to 739, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1227, and where b is greater than or equal to a + 14.</p>	N29001
1228	HCROI42	875832	<p>Preferably excluded from the present invention are one or more</p>	<p>AI378825, AI299691, AI248716, AI207012, AI025488, AI801275, AW139379, AI075931,</p>

1229	HACBB04	875833	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:1228, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1228, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1582 of SEQ ID NO:1229, b is an integer of 15 to 1596, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1229, and where b is greater than or equal to a + 14.</p>	<p>AI129182, R56213, AI868688, AI540526, AI352622, AI887854, AB014521, AF141884, AC004782</p> <p>AI348155, AI567487, AA482559, AA426355, AA482412, AA195102, N32669, AA722595, AW274254, AI859721, AI003615, AW242302, AI494186, AI394631, AL043629, AI824406, AI015872, AI284359, AW139669, AI942272, AA010713, AI290543, AA496459, AI364660, AI758530, AI368521, AI872567, AI423266, AF192529</p>
1230	HMMAC3 4	875834	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 566 of SEQ ID NO:1230, b is an integer of 15 to 580, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1230, and where b is greater than or equal to a + 14.</p>	
1231	HDPFA20	875836	<p>Preferably excluded from the present invention are one or more</p>	<p>AI476641, AI800220, AA523781, AA688160, AW274475, AA279690, AA831827, AA480351, H23404,</p>

1232	HTGBQ40	875837	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1662 of SEQ ID NO:1231, b is an integer of 15 to 1676, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1231, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:1232, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1232, and where b is greater than or equal to a + 14.</p>	<p>AA810727, AI689632, AA353334, R28470, AA927802, Z45246, AA279721</p> <p>AI650736, H21389, AI336480, H21432, AI264947</p>
1233	HDPWD53	875838	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 487 of SEQ ID NO:1233, b is an integer of 15 to 501, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1233, and where b is greater than or equal to a + 14.</p>	
1234	HCROZ63	875839	<p>Preferably excluded from the present invention are one or more</p>	T08857

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 347 of SEQ ID NO:1234, b is an integer of 15 to 361, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1234, and where b is greater than or equal to a + 14.</p>	
1235	HWABJ67	875840	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 534 of SEQ ID NO:1235, b is an integer of 15 to 548, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1235, and where b is greater than or equal to a + 14.</p>	<p>AI743586, AA773043, AI378041, AI653756, AW021263, AA934444, AI051436, AA525488, AA515054, AA737382, AI561320, AI566429, AI500523, AI590021, AW169671, AI890838, AI619607, AI890214, AI312428, AI499381, AI624693, AI500061, AI283760, AI340519, AI934035, AI637584, AW021717, AI633330, AW198090, AW087462, AI684279, AI493567, AI609594, AW129659, AI683475, AI906328, AI539153, AI673363, AW081298, AI889133, AL039132, AI963068, AA928539, AI802542, AI251221, AI571439, AI670002, AI591420, AL037454, AI288285, AI698391, AW089840, AI560012, AW169604, AW089439, AI564736, AI285448, AW051212, AW192652, AI633125, AI609331, AI439452, AI963846, AW192701, AA470523, AI471909, AI921379, AI686554, AI609128, AI915291, AW274192, AI610690, AI270183, AI432656, AI929108, AI926790, AI889189, AA769285, AW129106, AI815239, AA768550, AI758583, AL036705, AW163834, AL036780, AI624548, AI887308, AW161098, AI678496, AL039858, AI702073, AI624084, AI246905, AI890223, AL042365, AI524671, AL037582, AL036361, AL037602, AI345543, AA916372, AI702343, AI582932, AL120676,</p>

	AI634224, AI623941, AI521560, AL119863, AI932794, AI525669, AA420722, AI690748, AL045929, AI538116, AL038715, AI433157, AI623799, AI798456, AL119748, AI916419, AI813914, AA938092, AW080746, AI286256, AI572021, AI281762, AI921464, AI301710, AI950892, AI619754, AI812107, AI799273, AI863241, AI284484, AI688858, AI539780, AI871923, AI969655, AI570807, AW169132, AW051088, AI345666, AW105429, AA805434, AI918435, AI758694, AI340603, AI670009, AI923989, AI619777, AI682106, AI570169, AI500588, AI306705, AW268122, AI815232, AI525653, AI923370, AI932966, N33175, AW071349, AI912356, AL042745, AA603930, AL042544, AI925502, AI241678, AI702433, AI348854, AI922689, AW190297, AA807015, AL134830, AI673422, AI801325, AW080090, AI433590, AI619502, AI648699, AI859429, AI270099, AI473554, AW020693, AI912496, AI583085, AW163823, AI636588, AI497733, AI874166, AL045500, AI538829, AL119836, AI610402, AI800440, AI612913, AI499393, AI273094, AI345415, AI207656, AW366372, AI866770, AL036631, AI611743, AI537677, AI768496, AI473208, AI874243, AI498067, AI471540, AI799158, AL110306, AI824576, AL048323, AI817545, AL048340, AW152182, AW087445, AW148536, AI499285, AW168001, AI624545, AW129722, AA767039, AW151138, AL047100, AI702068, AI697137, AI473536, W74529, AI815237, AI310575, AW151786, AW151136, AW118508, AI859464, AI612107, AI452707, AI572787, AI340533, AI494201, AI917252, AW152459, AW193911, AW078729, AI362522, AI862139, AI874261, AL079741, AI933589, R36271, AF116545,

	AF116548, AF116547, AF116546, AL133031, AL137538, AL050116, AF111851, I89947, AF090943, AR053103, AL137271, AF069506, AL133557, U35846, AL133080, AL133072, A08910, A08909, I48978, A77033, A77035, AL078602, AL049382, U42766, A65341, E02349, X72889, Z82022, A08913, AL117435, AL122121, M27260, U89295, A58524, A58523, AL133560, AL035587, AL080159, AF183393, AL117460, AL133075, AF090903, AL050149, AF125948, Y07905, AL122110, AC007172, U68387, AL137550, AF113691, AC002471, AC005374, AF113690, AF017437, AF067728, AL049283, AL137459, AF090900, AF106862, S61953, I89931, AL133558, A08916, Y10655, I49625, U92992, I33392, A21625, AF200464, AL110225, E01573, E02319, AF100931, AL117457, Y11587, A76335, AF141289, AL133113, AL050138, AF057300, AF057299, Z83840, X70685, U73682, AC007458, X83508, X82434, AF019298, AC006978, S78214, AL117648, AF091084, AF113019, AF113677, AF153205, AL110221, AL049452, U91329, AF140224, AL080124, AF126247, AL050277, A08908, AL137560, I48979, AF077349, Y13653, AL035458, AF118094, AF087943, AL133640, AL117585, I03321, AF180525, U80742, AL137480, E08516, I00734, AL137463, AJ001388, M19658, A65340, AF118070, AJ242859, AR059958, AF185614, E00617, E00717, E00778, AL137479, AL137476, AC004383, AF078844, X87582, AJ000937, AF106697, AF158248, AL050108, AL133568, AL133565, AJ005690, AJ012755, M84133, A26498, AF076464, U67958, AL122093, AF102578, AL110280, AF118558, AF106827, U00763, AF082526, Y14314, AF177401, S68736, AL117394, A08912, AL137521, AF104032, AF026816, AF097996, U83980, AF079763, X52128, AP000697, AF026124, AL050146, AL050393, A03736, AL049314, X72624, AL117583,

1236	HCRMY91	875841	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 852 of SEQ ID NO:1236, b is an integer of 15 to 866, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1236, and where b is greater than or equal to a + 14.</p>	<p>M77345, AL137256, AF090896, AJ006417, E05822, AR038854, A21103, AL137283, AF118064, AL049938, E03671, AL049430, AR015970, AL137648, X84990, AL122098, AF017152, AF047716, AL133016, I09499, AF079765, X63574, X98834, AL122123, AR011880, AL049423, AF167995, AF119337, AF113694, AL049464, AL137557, AC002464, X96540, AR038969, AJ238278, AL080139, U37359, AL133014, AF030513, A90832, U72620, AF126372, AF003737, X66862, Y16645, M30514, AL110296, I17767, AF044221, X92070, Z37987, AF026008, L31396, AF146568, A12297, L31397, AC002480, AF061943, AF113013, AF100781, AL133067, AF090934, S63521, AL050024</p> <p>AL134431, AA046904, H05571, R11919, W79925, R11987, R55079, R84811, R53363, H10691, F11225, AA354088, R22842, R19546, AI803682, AI198775, AA452378, AA040404, AI150653, AA307589</p>
1237	HNTRA39	875845	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 785 of SEQ ID NO:1237, b is an integer of 15 to 799, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1237, and where b is greater</p>	<p>AI889332, AI628477, AI275204, AI633956, AW079861, AW118929, AA911538, AI342851, AW300007, R91897, AI623866, AW204145, L44538, AA011077, AI648696, AI914833, AI521684, X62311</p>

1238	HCRPW33	875846	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 705 of SEQ ID NO:1238, b is an integer of 15 to 719, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1238, and where b is greater than or equal to $a + 14$.</p>	AA315737, AA476814
1239	HFCFI37	875848	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 325 of SEQ ID NO:1239, b is an integer of 15 to 339, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1239, and where b is greater than or equal to $a + 14$.</p>	AL120789, AC003007, AC005632
1240	HCQCL72	875849	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 215 of SEQ ID NO:1240, b is an integer of 15 to 229, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1240, and where b is greater</p>	AI817147, AA907222, H51868, AA281655, AA361371, AI301198, AA911728

1241	HCQCT09	875850	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1061 of SEQ ID NO:1241, b is an integer of 15 to 1075, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1241, and where b is greater than or equal to $a + 14$.</p>	<p>AW021240, AA535264, AA149863, AA694163, AI422346, AI472109, AI811633, AA931734, AI419485, AI302192, AI288249, AA410584, AI418912, AI049618, AI089786, AA911728, AA149808, AI700267, AI299240, AA501370, AI814823, AA232714, AI865849, AA232212, AA825451, AI718827, AI281840, AA932086, AI283229, H60430, AI471234, H60476, AA631685, AA576637, AI301198, AI949336, AA368973, AA236013, C01314, AI860871, AA361371, AA281786, AA327052, AA907222, AI857607, AI817147, AA281655, AA411619, H51868</p>
1242	HCRMR12	875851	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 322 of SEQ ID NO:1242, b is an integer of 15 to 336, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1242, and where b is greater than or equal to $a + 14$.</p>	AC006512, U47924
1243	HCIAE18	875852	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 738 of SEQ ID NO:1243, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1243, and where b is greater</p>	AA524300, AI732383, AA570296, AI732336, AA515389

1244	HHFHU39	875855	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 750 of SEQ ID NO:1244, b is an integer of 15 to 764, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1244, and where b is greater than or equal to $a + 14$.</p>	<p>AI271571, AA452037, AI424866, AA423988, AA483361, AI266636, AA742931, AI266634, AA424028, AA702780</p>
1245	HCQAW29	875856	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 354 of SEQ ID NO:1245, b is an integer of 15 to 368, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1245, and where b is greater than or equal to $a + 14$.</p>	R33721
1246	HBMDM3 3	875858	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 497 of SEQ ID NO:1246, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1246, and where b is greater</p>	AA857451, AA857804

1247	HKLSD32	875863	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 417 of SEQ ID NO:1247, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1247, and where b is greater than or equal to $a + 14$.</p>	AA405791, AI524014, AI380383, AW082968, AW342068, AA911893, AI824001, AI692746, AI433518, AI949654, AW170143, AI277105, AI266424, AI272885, AI318386, AI937056, AW058565, AW028276, AI075130, AI632588, AI393303, W99355, AI470310, H87135, AI807925, AI027883, AI695062, AI277524, AI201665, AA099404, AI471922, AA384650, AA364750, AA099465, AI359471, AI961082, AW338912, AW302395, AI702221, AW059776, D20616, AF086516, AI653206
1248	HYACE34	875864	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2044 of SEQ ID NO:1248, b is an integer of 15 to 2058, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1248, and where b is greater than or equal to $a + 14$.</p>	AI492300, AA155864, AI336122, AA507001, AI805390, AA213868, AA504365, AI805573, AI267513, AA480597, N28434, AA829763, H86647, W99382, R82575, AA213776, AW402251, AI277875, AI220789, AA405669, AA281807, AW023046, AA025280
1249	HNTTC18	875865	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 929 of SEQ ID NO:1249, b is an integer of 15 to 943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1249, and where b is greater</p>	AL041644, AI652238, AI125934, AI972064, AI373883, AA401082, AA403146, AA587259, AW152027, AA648691, AA632889, AA572909, AA528434, T52508, T04918, T63002, AI625085, AI817337, AA922661, AA091326, M27878

1250	H2CAA34	875868	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2217 of SEQ ID NO:1250, b is an integer of 15 to 2231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1250, and where b is greater than or equal to $a + 14$.</p>	<p>AA913891, AA071067, AW247518, AA125853, R56714, AA576929, AA307834, AA204972, AA445946, H98812, AI028402, AA127005, AA223811, AA101503, R72151, H53723, H06566, H29389, AA182597, AA126153, AA232436, AA306744, T35189, AA164773, AI458548, T70821, R10266, Z21129, AW386767, AA436573, AI610191, H29413, AA301432, AA724488, AW449887, AI242268, AI525912, AW368592, AW377757, AW390796, AA344660, AA307848, AA715437, AW361336, AI248847, AL040968, AA938368, AW361341, AA676800, AW368596, Z21101, AW451729, AF191018, Z94761</p>
1251	HWLQA33	875871	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 398 of SEQ ID NO:1251, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1251, and where b is greater than or equal to $a + 14$.</p>	<p>AA436794, R09306, AA384577, AC006211</p>
1252	HCQCT65	875874	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 402 of SEQ ID NO:1252, b is an integer of 15 to 416, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1252, and where b is greater</p>	

1253	HWHPI50	875884	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2721 of SEQ ID NO:1253, b is an integer of 15 to 2735, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1253, and where b is greater than or equal to $a + 14$.</p>	<p>AW026114, AW418826, AW341657, AA910088, AI860171, AW190146, AI700326, AI089966, AI670850, HI8740, AI093699, AI159857, AA996095, AI401266, AI240251, AW242162, AA594503, AI056938, AI864216, AA506903, AA426024, AA724498, AI263294, T75461, Z43179, AA443290, H25984, AA514196, R61755, AA526102, AA476713, F13159, T19223, Z39262, AA705253, AA609888, AA659875, F02603, R34659, AA319603, AA759148, R49189, AI538091, F13136, R61756, R21716, AA300990, F06309, F10761, AI865079, AW337918, AI889018, AA834239, AA096413, AI242996, F06308, H18653, AA774400, R46606, AW382812, N53750, AW382785, AL121653, AL121658</p> <p>AI703451</p>
1254	HCRQD12	875886	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 679 of SEQ ID NO:1254, b is an integer of 15 to 693, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1254, and where b is greater than or equal to $a + 14$.</p>	
1255	HNHHM31	875888	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 448 of SEQ ID NO:1255, b is an integer of 15 to 462, where both a and b correspond to the positions of</p>	<p>AA644044, AW135276, AA887861, AW137420</p>

1256	HCRQG23	875891	<p>nucleotide residues shown in SEQ ID NO:1255, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1023 of SEQ ID NO:1256, b is an integer of 15 to 1037, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1256, and where b is greater than or equal to a + 14.</p>	<p>AI022242, AW410996, AI800815, AI814040, AW264268, AA191425, W72080, W94651, AW015105, AA443454, AA443318, AW410985, AI597605, AW273210, AW250450, AW411145, AI190182, AA993201, AA403278, AA430513, W94612, W96124, N54325, AI357461, AA190985, W77863, AA643738, AL120980, AA113214, AA858265, AA993185, AI375010, AI498876, AA829321, AA701490, AA132962, AA287691, AI277849, AI301164, AA251325, AW015857, AA403106, W60258, AA084833, AI253793, AA775859, W05830, AA243176, AI038024, AA766410, AA805677, AI049993, AA775554, AI039481, H80596, AA196760, AA430648, AA804241, N77873, W96125, R69970, H80623, AI219581, H67651, AA190668, C01701, AI352459, AI275174, AA732213, AA128877, H30387, N23878, T12121, AI015455, H80540, AI220709, H67511, H18761, AA485022, AA251518, AA243193, AA505285, AA779102, H82765, AA570290, H52438, H67114, H71899, R69971, H52437, AA187869, AA505681, H67510, AA626883, AA232342, H71112, AA995473, AA456466, AI142314, H80657, AA454572, AA213633, AL119457, AL119399, AL119324, AL042544, AL134524, AW392670, AL119484, AL119439, AL119443, Z99396, AW372827, AL119391, AW363220, AL119319, AL134530, AW384394, AL119522, AL134519, U46347, AL119497, U46350, AL119363, AL119418, AL134528, AL119483, U46351, AL119355, U46349, U46341, AL119341, AL119335, AL119396, AL119444, AL119464, AL119496, AL043003, AL037205, AL042614, AL119401, U46346, AL134525, D21063, D83987, X67334, AF004105, D86725, AR060234, AR066494, A81671, AB026436, AR054110,</p>
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1257	HKLSB39	875894	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1257 of SEQ ID NO:1257, b is an integer of 15 to 1271, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1257, and where b is greater than or equal to a + 14.</p>	<p>AR069079, AR043113 AA595346, AA243787, AA024609, AA024578, AA076356, AA076467, AA760927, AI272832, AA243135, H17412, F06362, R25565, AI829044, AA400326, T26645, AA243569, AW020146, AI744718, AW384427, AA768909, AA743098, T77293, AA024577, AA723998, U35376, D70831, AC002519, AF038179, AA400327</p>
1258	H2CBN05	875897	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 835 of SEQ ID NO:1258, b is an integer of 15 to 849, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1258, and where b is greater than or equal to a + 14.</p>	<p>AA307799, AW292094, T70856, AI161296, AA235668, AW296027, AI699099, AI693823, AI693216, AI992018, AA115026, AI681528, AA136109, AA732568, AA776036, AA643914, AA258666, AA416754, AI061590</p>
1259	HCQDT85	875899	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 608 of SEQ ID NO:1259, b is an integer of 15 to 622, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1259, and where b is greater</p>	<p>AI500310, AI672249</p>

1260	HARAJ31	875900	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 457 of SEQ ID NO:1260, b is an integer of 15 to 471, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1260, and where b is greater than or equal to $a + 14$.</p>	AA317663, Z65370
1261	HCRMQ35	875904	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 633 of SEQ ID NO:1261, b is an integer of 15 to 647, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1261, and where b is greater than or equal to $a + 14$.</p>	AI589507, AW009664, AA703098, AI453542, AA532750, N67298, AI148172, AI095316, AA708739, AW022231, AI601197, AI457493, AI580184, AA922944, AI922763, AI023347, AI096333, AA633368, AW023348, AA477261, AA693591, AI870748, AW274004, W78756, AI298179, W78055, AI057523, AI126504, AI248086, AA873476, AI679385, AI679894, AI190295, AW073346, N21034, AA039311, N22989, AA508686, W80491, W86880, AI361360, AI540214, AA938881, W79149, AW368422, AI432392, AI078371, R61323, AA039411, AA932937, AA829705, AW073773, AA002095, N67361, H59053, AA076438, AA535629, AA912096, W21314, AA610431, AI936749, T66278, AW405920, F12299, N4193, AA508849, AA884012, AA890651, W81519, N93501, AA480270, C00277, R38195, AI332894, T16604, W21320, R44910, N78644, AI478709, AI125999, AI590819, AA558779, AI300933, AW263399, AI085918, AA974965, AI741413, N93508, W81635, AW194811, N93088, AI630149, R56244, W24742, AW205755, AA991876, AI972554, AA004362, AI989930, AI760486, AI491861, AI581783, AA991538, AI969278, Z39245, AI650517, AW361735,

1262	HMUBG30	875905	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 822 of SEQ ID NO:1262, b is an integer of 15 to 836, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1262, and where b is greater than or equal to a + 14.</p>	<p>AW361839, U90904, AI242039 AA459525, AA402831, H93300, W45229, AC004806, AC004056, AL031116</p>
1263	HCQAH30	875906	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 298 of SEQ ID NO:1263, b is an integer of 15 to 312, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1263, and where b is greater than or equal to a + 14.</p>	
1264	HWDHAH30	875907	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 176 of SEQ ID NO:1264, b is an integer of 15 to 190, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1264, and where b is greater</p>	<p>AF161019, AJ131890</p>

1265	HCQAM30	875908	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 557 of SEQ ID NO:1265, b is an integer of 15 to 571, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1265, and where b is greater than or equal to $a + 14$.</p>	<p>AA431300, AW450428, AI688064, AI768150, AI123686, AW242691, AI052046, AA890607, AA758061, AA609531, AI797591, AA723978, AA934785, AA431657</p>
1266	HAGEA31	875912	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1460 of SEQ ID NO:1266, b is an integer of 15 to 1474, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1266, and where b is greater than or equal to $a + 14$.</p>	<p>AA305680, H64054, AA159569, AA378423, AA321559, AA237093, AL117344</p>
1267	HCROZ66	875913	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1391 of SEQ ID NO:1267, b is an integer of 15 to 1405, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1267, and where b is greater</p>	<p>AI823992, AW082308, AI816135, AI589007, AI566535, AW272765, AA766315, AW242239, AA279943, AI816094, AI014927, AI038579, AA578848, AI476548, AI354483, AA973322, AA992180, AI392988, AA327978, AA769228, AA506076, AI653752, AI370562, AA172248, AA343765, AI282882, AA279942, AA506075, AL137710</p>

1268	HDPBY50	875914	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1439 of SEQ ID NO:1268, b is an integer of 15 to 1453, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1268, and where b is greater than or equal to $a + 14$.</p>	AI819116, AW372211, AW372198, AI583182, AA176112, AW134519, AI628367, AI478195, AA143793, AI394104, AI697987, AI675294, AW390678, AI768078, N24394, AA101252, AI830602, AI628409, AI438987, AI810299, AA020980, R22198, AI890121, AI671411, AW733134, H44639, AA581997, AI862828, AW139467, AI866902, AA857679, H97045, AA465732, AA340274, AA974904, AA731664, AA494109, AI811317, AI338111, R78337, H99145, AI200103, AA291168, AW731663, AA327229, AW363178, AA021065, D79177, R77963, R22252, AI581618, AA026878, AA501786, AA216611, W32118, W31626, H43598, AA148177, AA730560, AI472513, AA465134, C75353, C01240, AA978055, AW369487, AA731711, AI538764, AA731241, AL042191, AW193620, AW025279, AI096771, AW243451, AW150750, AW029457, AI537187, AI421662, AI571442, AI224373, AI433611, AI491710, AI696583, AA830333, W45039, AI927233, AI671429, AI370623, AW021717, AW150214, AI095530, AI289791, AA613255, AW089379, AW020455, AL045859, AW168700, AI678681, AL040011, AI633125, AW194014, AI351737, AI831938, AI499325, AI491852, AI699020, AI678446, AI468622, AI932660, AI886355, AI952797, AI696714, AI817733, AI889449, AI309306, AW080157, AW087837, AA761557, AI656270, W38553, AW167926, AI493836, AW021662, AW002327, AI524139, AW089844, AA630788, AI954721, AI568293, AA760851, AI470717, AI342210, AA954134, AI445620, AW163834, AI613038, AI623835, AW410842, AW083750, AW023871, AA923096, AI867017, AI368579, F36855, AI886452, AI680369, AI658566, AI801325, N22276, F37323, AA829775, AI923989, AI690813, AI538885,
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1269	HDTKD18	875915	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1339 of SEQ ID NO:1269, b is an integer of 15 to 1353, where both a and b

1270	HHPGT16	875923	correspond to the positions of nucleotide residues shown in SEQ ID NO:1269, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1555 of SEQ ID NO:1270, b is an integer of 15 to 1569, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1270, and where b is greater than or equal to a + 14.	AI307250, AI271439, AI650441, AI017475, AI251828, AI672237, AI374969, AI350623, AI334985, AA483351, AA251224, AI146704, AI000570, AA442545, AA629033, AW002826, AA489129, AI491723, AI208598, AI886308, AW149502, D45489, AL049146, AI143491, AW020704, AW022820, AW369852, Z43342, AI221861, AA779644, AI221998, AL079690, T18542, AB002371, AL049382, AF176816
1271	H2CBF28	875924	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1271, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1271, and where b is greater than or equal to a + 14.	AA461032, AA307375, AF155739
1272	HCQDM28	875925	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 768 of SEQ ID NO:1272, b is an integer of 15 to 782, where both a and b	N30135, AI767701, AI633623, AI140698, AW269969, N34283, AA610009, T65377, AA535713, AA135305, AA904500, AI271558, AW043844, AW168046, R42844, AA830555, H20852, N51615, AW168340, AA779492, D29317, AW149189, T77049, AA910171, AA679759, AI262864, H22970, H08110, AA136386, R40094, F09407, T15987, T35272, AI470445, H08109, AA361165, H20903, R21459, H22760, R14782,

			correspond to the positions of nucleotide residues shown in SEQ ID NO:1272, and where b is greater than or equal to a + 14.	T65454, F11747, AL117635
1273	HUKFO71	875926	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 280 of SEQ ID NO:1273, b is an integer of 15 to 294, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1273, and where b is greater than or equal to a + 14.	Z42318
1274	HCQAT28	875927	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 673 of SEQ ID NO:1274, b is an integer of 15 to 687, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1274, and where b is greater than or equal to a + 14.	AW195495, AI927965, AI660501, AI830732, AI271628, AI224848, AI271624, AA227881, AA579040, AI080263, AI016903, AW074630, AW119163, AI796459, AA194238, AA251354, AA193292, AA314587, AJ242739
1275	HCYBC56	875932	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 804 of SEQ ID NO:1275, b is an integer of 15 to 818, where both a and b	AA305033, AW248879, CI7203, AI915163, AI298556, N73317, AI474187, AI401089, AI634988, AA427374, AI190151, AW043949, AA343654, AI690026, F03312, AI821377, AI766223, AI948443, AI820529, R42572, F03338, AI032325, AW088758, AA621333, AL046205, AI352330, AA156447, AA261784, T64484, AA663522, AI041540, AI128869, F33912, R38482, N94950, AI817198, AA433949, AI223036, AA456954,

			correspond to the positions of nucleotide residues shown in SEQ ID NO:1275, and where b is greater than or equal to a + 14.	AW134514, AA362770, AI738910, AA931551, AA856757, AW079224, AA856766, R99371, AI431703, AW023137, AA525926, AI784057, AA844907, AW168420, Z94056, AC007160, AC005874, AF134471, AL049872, AC007263, AC007064, Z97055, AC006480, AC005799, AC005616, AC006088, AC004707, AL035408, AC002375, AC010206, AL024507, AC004702, AC005102, AC004679, AC007376, AC004542, AC005011, AC005207, AL117338, AL031767, U91318, AC005953, AC005036, AP000111, AP000043, AC005477, AC005228, AL031665, AL035414, AC005578, AC004791, AP001053, AC007276, AC004921, AL133289, AC006387, AF001549, AC004887, AC006582, AB020863, AL139054, AC005993, AL109837, AL132774, AL035686, AP000108, AP000040, AC004862, Z98744, AC003007, AC007880, Z95126, AC011604, AE000661, AC005013, AC005295, AL049869, U82670, AC007225, AL022326, AL031681, AC004605, U85196, AC007402, AC009501, AL034420, AC003964, AC007546, Z99496, AC009946, AC006059, AP000509, AC005145, AC004976, AC005095, AC002384, AL049743, AL121578, AL078593, AC008115, AL121657, AC007510, AP000240, U80460, AC007773, AC005792, AC005482, Z98043, AE000659, AC004817, AL022100, AL035089, Z82245, AC005547, AC004825, AL035608, AC003991, AL078475, AC004510, AL022727, AC012627, AB003151, AC006167, AC005027, AB004907, AC005878, AL096711, AC004029, AP000511, AF111169, D84394, AP000688, AC011456, U50871, AP000280, AL109985, AC004838, AL035420, AC002390, AC002299, AB023050, AC002992, AC003037, AP000107, Z99715, AC004185, AC006137, AP000039, AL109956, AL109654, AF015416, AC007380, AC006040, AC004067, AC006204, AL049564, U85198, AC004859, AC004896, AC006536,
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1276	HAAAC11	875933	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 836 of SEQ ID NO:1276, b is an integer of 15 to 850, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1276, and where b is greater than or equal to a + 14.</p>	<p>AP000131, AP000209, AC002464, AC004700, AC003670, AF207955, Z79996, AP000283, AC002289, U95740, AC004002, AC006928, AC007058, U52112, AC007240, AC005380, AL121591, AL109938, AC005731, AL035069, AP000282, AC004106, AC006991, AC004911, AF002993, AP000501, Z69712, AF096876, AC002331, AL023805, AC007450, AC006048, X96421, AC005483, AP000201, AL034554, AC005138, AF165142, AP000097, AC007280, AC004472, AC007024, AC004409, AP000248, AP000144, Z92547, AL031053</p>
1277	HNHO184	875934	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 486 of SEQ ID NO:1277, b is an integer of 15 to 500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1277, and where b is greater than or equal to a + 14.</p>	<p>AA417136, H78660, AW292282, AC000378</p>
1278	HRABT72	875935	<p>Preferably excluded from the</p>	

1279	HWLEG68	875936	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 547 of SEQ ID NO:1278, b is an integer of 15 to 561, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1278, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1653 of SEQ ID NO:1279, b is an integer of 15 to 1667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1279, and where b is greater than or equal to a + 14.</p>	<p>AW377286, AA877900, AW374882, AW374986, AW363009, AW374838, AI791951, AW374892, AI431674, AW374858, AW363038, AW363010, AI821099, AW374992, AI940416, AW374993, AW375002, AI821845, AA633302, AW374878, AW363039, AW274215, AI732655, AI573096, AW374894, AA581944, AW191851, AW451240, AI360701, AI273759, AI280846, AW451809, AA053660, AW452362, AW293665, AA535532, AI620830, AA961152, AA582019, AA053763, AA295334, AI318604, AI278909, AW374321, AW080947, AW351525, AA376765, AA366856, AW191847, D25711, AA377129, AA601073, T24571, AW376784, AW376582, AI708873, AW243603, AI991190, AW376686, AW376776, AW376658, AI828388, AW291776, AW006478, AW193257, AW376625, AI254661, AW376692, AI458795, AW376516, AW364147</p>
1280	HSIDV66	875937	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 443 of SEQ ID NO:1280, b is an integer of</p>	<p>AI431674, AW376784, AW376582, AW376686, AW376658, AW376776, AW451240, AI360701, AW452362, AW451809, AA535532, AW376625, AA961152, AI648663, AI284509, AL042628, AI815855, AI476109, AW150578, AL045266, AI866002, AI866573, AL041772, AW084219, AI289937, AI274769, AI863240, AI250663,</p>

	15 to 457, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1280, and where b is greater than or equal to a + 14.	AI364788, AI433976, AW051107, AI620284, AI590120, AL045500, AI433157, AI560099, AI539771, AI345608, AI521012, AI537677, AW083804, AI521560, AI500659, AI801325, AI500523, AI284517, AI500706, AI491776, AI445237, AW151138, AI500662, AI273142, AI633493, AI434256, AI284513, AI888118, AI868831, AW149227, AI828731, AI619716, AW082040, AW102785, AW103893, AI561299, AI608676, AI886124, AI554218, AW079159, AI269862, AI612759, AI867042, AI888953, AI280661, AI537617, AI919345, AA427700, AI537515, AI349598, AI251830, AI873644, AI366549, AI636719, AI340582, AW103371, AL042551, AI611743, AI500039, AW161579, AI955906, AI872711, AI571909, AI801322, AL043326, AL040243, AW162071, AI284131, AI433037, AI174394, AI923768, AI888661, AW268220, AL119863, AI334450, AI340603, AI498579, AI445165, AL036759, AW023590, AW302988, AI687065, AI446003, AW074993, AI224992, AW059837, AI251205, AI696626, AI344935, AI678762, AI539153, AI610645, AL036214, AI828367, AW262565, AI439762, AL120853, AW087445, AI499986, AI633419, AA225339, AI538716, AI689420, AW301300, AI097248, AI453322, AI815232, AI269696, AW190042, AL079963, AI922676, AI680498, AW071417, AI963216, AI348897, AW082594, AL119791, AI922901, AI282326, AI888944, AW088134, AI589993, AI648684, AI687465, AW022682, AW403717, AW167410, AW129106, AI800453, AI800433, AI468872, AI866608, AW238730, AW088903, AI829327, AW081255, AI308032, AI889189, AI497733, AI308035, AI275175, AW169653, AL038605, AA640779,

	AI921176, AI434223, AI689175, AA470491, AI343059, AL040241, AA508692, AI292193, AI446373, AL037454, AI349933, N80094, AI349256, AW196141, AI805638, AI569616, AI824557, AI587288, AL121328, AA494167, AA974049, AL038779, AI873604, AL036361, AL036403, N33175, AI336575, AI349645, AW117746, AL110402, AL036274, AI799199, AA572758, AI540832, AW269097, AI926790, AW002342, AW050522, AL038445, AW089179, AI312428, AI554427, AI564719, AI891157, AI696819, AI281772, AI889376, AI932794, AI857760, AI499463, AI524671, AI608936, AI699011, AW051258, AW085667, AI921248, AI611738, AW102761, AI619502, AI677796, AI632408, AI306613, AI802542, AI569583, AI952360, AI633125, AI499285, AI886753, AI312152, AI274013, AI564723, AI933589, AW026882, AI627988, AI783504, AA420758, AI869367, AL036869, I48979, I48978, AB019565, A08916, I89947, A08913, A08910, AL133016, I89931, I49625, AL110196, AL133080, AF106862, AF079765, AL122050, AF113013, AL133560, AF146568, AF090896, E03348, AL049382, AL049314, AR059958, AF113689, Y11587, A08909, AF113676, S68736, AL137557, AL133093, AL049466, AF113690, E07361, Y16645, X84990, AL137527, AL133565, AL080060, AJ242859, AL122121, AF118064, AF118070, AL049430, AF113699, AL133640, AL080137, AF061943, AL050146, AF091084, AL117583, AL117585, AL122098, AF090903, AL050116, AF177401, AF104032, AL122123, AF090934, A65341, Y11254, S78214, AL110221, AF125949, AL122093, AF078844, AF113019, AL049300, AF097996, AF111851, Z82022, AF183393, AL137538, AL137463, AF090901, AL050393, AR011880, AL133557, AF017152,

			AL133075, AF158248, X93495, U72620, A93016, AF118094, AF113694, X82434, AL050024, AJ000937, AL049464, E02349, AL050277, AL137459, AL117460, E07108, AF090900, AL117457, L31396, U42766, AL133606, AL137521, L31397, X96540, A58524, AL049452, A58523, AL137550, U00763, AJ238278, AL050108, AL080124, AL117394, X63574, I03321, AF017437, AF113677, A77033, A77035, I33392, AL137271, AF113691, AL080127, AL050149, AF125948, AL117435, X72889, AF090943, AL096744, AL110225, U80742, AL050138, U91329, AL122110, AL137283, AL049938, AL137648, A12297, X70685, AL133113, U35846, A03736, X65873, AL080159, I42402, AL133072, E15569, A08912, I09360, AF087943, AL049283, AL110197, U67958, X98834, E08263, E08264, AF067728, AL137523, AR000496, U39656, I26207, AL122049, AL133077, AL050172, A93350, AJ012755, AL133104, AF111112, A07647, AF119337, AL137560, AF003737, AL137556, AF153205, Y14314, AL133014, AF000145, AL110280, AF026124, AL133568, AF185576, AF026816, AF162270, AL117440, AR038854, Z72491, AF106827, U96683, AF057300, AF057299, S61953, E04233, L30117, AL117432, AL137476, I17767, AL137273, AL122111, Y09972, E02221, AR038969, A90832, AL133067, AL137526, A08911, A45787, AL133098, AF079763, AL137480, AR013797, I00734, U78525, L19437, X87582, E00617, E00717, E00778, AC006112, AC004093, X62580, Z37987, AL080074, AJ006417, AC004878, M30514, X92070, AL080086, E05822, AF067790, AF095901, AL137478, U68387, AL122118, AL050092, E08631, Y07905, U49908, U58996, AC006336, AL022147, AF210052, AF111849, AL137705, AF132676, AF061836, AL023657, AL137533, AL137292, AF008439, AF100931 AI479334, AW438880, AI969482, AA740980,	
1281	HWAAD15	875938	Preferably excluded from the	

1282	HUFFD27	875939	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:1281, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1281, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 317 of SEQ ID NO:1282, b is an integer of 15 to 331, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1282, and where b is greater than or equal to a + 14.</p>	<p>AI151466, AI670122, AA877322, N63143, AI422330, AA694453, AA766111, AI277749, D20155, AI633803, AA910174, AW002649, AF102851</p> <p>T81216</p>
1283	HWLMZ30	875940	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 333 of SEQ ID NO:1283, b is an integer of 15 to 347, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1283, and where b is greater than or equal to a + 14.</p>	<p>AW295800, AW449384, AI341114, AA886955</p>
1284	H2LAJ89	875941	<p>Preferably excluded from the</p>	<p>AA314048, D80168, D59695, D80949, D52291,</p>

		present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 904 of SEQ ID NO:1284, b is an integer of 15 to 918, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1284, and where b is greater than or equal to a + 14.	<p>C14298, D51079, C14227, AW360780, C14407, D81111, D80064, D80290, D59927, D59627, D80227, D59502, D59859, D80269, D80195, D51799, D58283, D80166, C14331, C15076, D59467, D51423, D59619, D80210, D80391, D80164, D59275, D80240, D80253, D80193, D81030, D80043, C14389, AW352172, D80212, D80022, D57483, D80038, D80378, D80196, D80188, D80219, D50995, D59787, AW377661, D59889, D59610, D50979, D80366, D80045, D80024, D80241, AA305409, F13647, AI557751, T11417, C06015, Z21582, D58101, C75259, D51060, C14014, D80258, D59503, AA514188, D51022, AA305578, D58246, D51213, D45273, T03048, AW377669, AI557774, D80248, D80014, D80228, T02974, C16955, D59484, D52059, D81026, AA514186, C05695, AI535686, D80268, Z33452, D80302, AA514184, D80439, D80522, D80133, D80251, D80247, T03116, AI535961, H67854, H67866, AA027769, D51103, AI525216, AI525228, D51053, T02868, AI525969, C03092, D59373, AA809122, N66429, D51759, C14973, D59551, D31458, C14344, D59317, D80157, C04682, D51221, D59474, Z30160, AI525238, D59653, C14046, C13958, H67858, AI525242, AI525222, C14957, D60010, AI525923, D45260, AI525920, AA305720, AF048722, AB006320, AF048720, AF048721, AJ222971, AF048724, U69961, U70132, AB006321, AF048723, U80010, AF039832, U80036, AJ222972, U80011, AF076640, AF077092, AF155206, AF217647, AF063935, AB010386, I82448, A84916, AJ132110, A62300, A62298, AR016808, AR018138, AF058696, I82446, U37689, X64588, AR008278, AB028859, I81198, AB019242, A47134, A82595, AR060385, I14842, AB002449, I79511, AR054175, AR008277, AR008281</p>
1285	HSPBY20	875942	<p>Preferably excluded from the present invention are one or more</p>

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3197 of SEQ ID NO:1285, b is an integer of 15 to 3211, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1285, and where b is greater than or equal to a + 14.</p>	<p>AI559999, AI804778, AI674566, AI129403, AA533052, AA527974, AI363501, AA143578, W51847, AW300353, AI831152, AA143579, AI741918, AA039996, W51848, W76081, AW117710, AI168002, AA311143, AA441903, N31268, AI884441, AI632722, AI869640, AA811715, AA505929, AW304874, AA847969, N59481, AA559159, AI695051, AA112361, AA558272, AA000001, AI720005, AI039160, AA039941, AI342286, AI497588, T06998, AA631737, AI571810, W80521, AA861746, AI985608, W80522, AI869233, AA902266, AA358008, AI301584, AA988922, AA706417, AW363471, AI460367, W81055, Z44588, AI276195, AA995745, AA370238, AI471184, AI358624, W93499, AA731776, AA225687, Z25022, R93719, Z33579, R93772, N22881, AA813411, R96999, T34389, AA442009, AW363465, AI707586, AA992785, AA329788, AW363476, T63311, C03451, AA527798, AW293240, AW363475, AW196088, T59616, C00776, T59728, Z28725, R96942, AI401471, AI985365, AA090503, H89254, AA091375, N76452, AA084311, AL121286, AA416534, AA635126, H25949, AA247310, N72061, N76425, T10848, AI868319, U95742, AC007216, AC007226</p>
1286	HE2DS24	875946	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 776 of SEQ ID NO:1286, b is an integer of 15 to 790, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1286, and where b is greater than or equal to a + 14.</p>	<p>AI436213, AI376989, AW272461, W67633, AW103191, AI460071, AI339966, AA309909, AI382859, AL035070</p>
1287	HSLFO26	875950	<p>Preferably excluded from the</p>	<p>AA353689</p>

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 377 of SEQ ID NO:1287, b is an integer of 15 to 391, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1287, and where b is greater than or equal to a + 14.	
1288	HCQAH22	875951	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 378 of SEQ ID NO:1288, b is an integer of 15 to 392, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1288, and where b is greater than or equal to a + 14.	F12035, H11818, T65663, H07096, H06077, F12478, R17257, T74513
1289	HHEYK87	875952	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 115 of SEQ ID NO:1289, b is an integer of 15 to 129, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1289, and where b is greater than or equal to a + 14.	
1290	HCRQN90	875954	Preferably excluded from the	R05444, R05547, H24799, N24201, N28584, N31653,

1291	HCQDT05	875955	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 430 of SEQ ID NO:1290, b is an integer of 15 to 444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1290, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1291, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1291, and where b is greater than or equal to a + 14.</p>	<p>N34107, AA193424, AA251321, AA251589, AA278204, AA287679, AA286744, AA494343, AA732455, AA740478, AA812121, AA814394, AA830316, AA877099, C04694, AA397959, AA435871, AA437027, AA442854, AA449086, AA449518, AA431365, AA732757, AA757686, AA759030, AI074034, AI082779, Z25143, Z28808, AI341874, AI141529, AI143886, AI149785, AI290312</p>
1292	HACBI44	875967	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 358 of SEQ ID NO:1292, b is an integer of 15 to 372, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1292, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1291, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1291, and where b is greater than or equal to a + 14.</p>	<p>AI681892, AA861619, AI693051, AA009602, R67318, AC004908, AC000386</p>
1293	HHEWX30	875971	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 430 of SEQ ID NO:1290, b is an integer of 15 to 444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1290, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1291, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1291, and where b is greater than or equal to a + 14.</p>	<p>AW177053, T85527, H66913, H53191, N78201,</p>

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1190 of SEQ ID NO:1293, b is an integer of 15 to 1204, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1293, and where b is greater than or equal to a + 14.	AW377523, AA234861, H51769, AA007382, AI783820
1294	HCQCL24	875972	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 460 of SEQ ID NO:1294, b is an integer of 15 to 474, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1294, and where b is greater than or equal to a + 14.	H81368, R11282, T98326, AC006077
1295	HE8NK61	875974	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 436 of SEQ ID NO:1295, b is an integer of 15 to 450, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1295, and where b is greater than or equal to a + 14.	AC005007
1296	HWLCA48	875976	Preferably excluded from the	AI005521, AI810382, AI659500, W92352, AI933284,

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1296, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1296, and where b is greater than or equal to a + 14.</p>	AA812596, AI400309, AW197587, AW192260, AI949417, W92316, AA722528, AI499349, AW300547, AW025996, AW172287, AW117376, AA194825, AI148427, AW292395, AA903846, AI018563, AI493973, AI082262, AI344368, AI765916, AA879432, AA961861, AW236495, AA912973, AI597682, AA459703, AI207327, N30720, AA936502, AI709271, AA877895, AA687402, AI420803, AA687115, AA504275, AI749696, AI472028, AA149279, AI383228, AI242850, N79884, AA149265, AI352279, AI363025, AA576875, AA809139, AI246634, AI439699, AI143444, AI918503, AI768616, AI970288, AA411377, N62978, AW351635, AW177011, AW167933, AI380451, AA836154, AW274680, W39570, AW170172, AA689438, AA406308, AA535797, AI283454, N30079, AL119324, AL119457, AW392670, Z99396, AW372827, AL119363, AW384394, AL119319, AL042544, AW363220, AL119497, AL119391, AL119484, AL119522, U46351, AL119355, AL119496, AL119443, AL119418, AL119399, AL119341, AL119483, U46341, AL119396, U46349, U46350, U46347, AL037205, AL119335, AL119401, AL119439, AL119444, AL134531, AL134525, AL134536, U46346, AI142131, AL042614, AL042965, AL042984, AL134538, AL043019, AL042975, AL134902, AI142132, AL043029, U46345, AL039851, AL042542, AL042450, AL042551, AL043003, AL119464, AF126743, AR066494, AR060234, A81671, AB026436, AR054110, AR069079
1297	HUCOR05	875982	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 613 of SEQ ID NO:1297, b is an integer of</p>	AI888086, AI962990, AI983535, AI597764, W60854, AI368836, AI808836, R49083, D60229, AI039175, R69837, R69838, AI277306, AA489467, AI498566, H28639, AA165333, C14571, AA094632, AA918475, AL096773

			15 to 627, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1297, and where b is greater than or equal to a + 14.	
1298	HWAIC77	875983	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 367 of SEQ ID NO:1298, b is an integer of 15 to 381, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1298, and where b is greater than or equal to a + 14.	
1299	HWMBG8 0	875984	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 495 of SEQ ID NO:1299, b is an integer of 15 to 509, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1299, and where b is greater than or equal to a + 14.	AI472111, AI288509, AA453203, AA454170
1300	HTXFU22	875989	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 438 of SEQ ID NO:1300, b is an integer of	AA226318, AI734064, AI732089

1301	HCQDO49	875990	<p>15 to 452, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1300, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 525 of SEQ ID NO:1301, b is an integer of 15 to 539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1301, and where b is greater than or equal to a + 14.</p>	AI491942	
1302	HDPOZ22	875991	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 418 of SEQ ID NO:1302, b is an integer of 15 to 432, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1302, and where b is greater than or equal to a + 14.</p>	Z43549, N39489, AC004789, AC005222	
1303	HWLQA90	875994	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1303, b is an integer of</p>	AA486226, AI590941, AA157504, AC004503, AC005006, AC005962	

1304	HATBS19	875995	15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1303, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 801 of SEQ ID NO:1304, b is an integer of 15 to 815, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1304, and where b is greater than or equal to a + 14.	AA129774, N45232, AA478926, AW173347, AW390310, AI803946, AI471990, AI480219, AA928879, AA478806, AI802226, AI683194, AI356830, AI400467, AI421708, AW341836, AW136439, AI928546, AI937609, AI559183, AW316851, AI457809, AI420660, AA886493, AI915161, AW339403, D12201
1305	HHSFJ11	875996	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:1305, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1305, and where b is greater than or equal to a + 14.	AI017418, AI817785, AA455094, AC005799
1306	HCYBA19	875998	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 907 of SEQ ID NO:1306, b is an integer of	AA308922, T84214, Z43709, R05654

1307	HAPQW21	875999	<p>15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1306, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 788 of SEQ ID NO:1307, b is an integer of 15 to 802, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1307, and where b is greater than or equal to a + 14.</p>	<p>AI816929, AA743053, AA767907, AI494624, AA932213, AI830745, AA837394, AI962187, AI963297, AI962646, AI499897, AW207508, AA257988, AI889250, H62091, AI873713, AI652649, AI652588, AA412301, AA215370, AW245619, AI824020, AI208488, AI933125, AA912107, AI827787, AA470031, AW080557, AW367956, AA806884, AI611226</p>
1308	HCRND16	876001	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:1308, b is an integer of 15 to 379, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1308, and where b is greater than or equal to a + 14.</p>	R86881, AA344692
1309	HSPME68	876006	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1430 of SEQ ID NO:1309, b is an integer of</p>	<p>AI831502, AW135590, R80329, AI453275, H03544, AI867183, AA598849, H44114, AI864755, H92020, AA483703, H03459, AI973227, R28250, R80223, R27989, H92021, R93832, Z38639, AI807377, AW103726, AI343038, AW148303, AW302662, AI336506, AI254251, AW303238, AW268290, AI318301, AI363741, AI344795, AW411235,</p>

			15 to 1444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1309, and where b is greater than or equal to a + 14.	AW148382, AW161098, AI206899, AW118417, AA644481, Y11254, A91160, A76335, AL122098, AR068753, AR068751
1310	HCRMC21	876007	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 339 of SEQ ID NO:1310, b is an integer of 15 to 353, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1310, and where b is greater than or equal to a + 14.	
1311	HLWCB78	876008	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 913 of SEQ ID NO:1311, b is an integer of 15 to 927, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1311, and where b is greater than or equal to a + 14.	H39742, R28582, AA384999, R58373
1312	HWLME80	876011	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 490 of SEQ ID NO:1312, b is an integer of	

1313	HKTAB46	876012	<p>15 to 504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1312, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 850 of SEQ ID NO:1313, b is an integer of 15 to 864, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1313, and where b is greater than or equal to a + 14.</p>	<p>AI768516, AI082809, AI804454, AW173368, AA905101, AI080483, N38942, N29489, AI500550, AA994475, AI001079, AA707368, AA593145, AA569473, AW386118, N63226, AAG14464, N46512, AW272021, AI828244, AL133605</p>
1314	H2CBJ20	876013	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 855 of SEQ ID NO:1314, b is an integer of 15 to 869, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1314, and where b is greater than or equal to a + 14.</p>	<p>W02575, AA304931, D58283, D80188, D51423, D57483, D59859, D80043, D80166, D80253, D81030, D59619, D80210, D51799, D80240, C14331, D80212, D80022, D80195, D80219, D80391, D59275, D50979, D59787, D80227, D59502, D80366, D59889, C14389, D80164, D80196, D59927, D59610, D80269, D80024, D80038, D59467, D80193, D50995, AA305409, C15076, D80378, C14429, D80241, C75259, T03269, D80045, D51060, C14014, AW178893, AW178775, D80134, D51022, AW179328, AW177440, D51250, AA305578, D81026, AW378532, D80268, AW352158, D80522, F13647, D80949, D80248, D52291, D80251, AW369651, D59695, D58253, D51079, D80168, AW178762, D81111, AA514188, AW177501, AW352117, AW177511, C14227, Z21582, D80133, AA514186, D80064, C14298, AW360811, AI905856, C14407, AW378540, AW377671, AW375405, AW360844, AW377672, AW366296, D80132, AW360817, AW375406, AW177505, AW378534, AW352171, AW179332,</p>

	AW179023, AW377676, AW178905, AW178754, AW179024, D51097, AA285331, D80439, AW360834, AW360841, AW352172, AI557751, AW179020, D80302, AW352170, AW178909, AW177456, AW178906, AW177731, D80247, AW178907, AW179019, AW179018, AW178971, AW179017, AW179004, AW179329, AW352174, AW179012, AW178980, AW177733, AW378528, AW178908, AW179220, T11417, D51759, D80157, AW179009, AW178914, AW378543, AW378525, D51103, D80014, AW367967, AW178983, T03116, AW352120, AW177728, AW178774, AW178781, AW178911, AW352163, D58246, AW378539, T48593, D58101, D59503, C06015, AI557774, D45260, D59627, D80258, AA809122, D50981, H67854, AI525917, T02974, AW378533, AW367950, AW178986, AI525923, C03092, AI525235, H67866, AW177734, D51213, C14957, D59474, AI525912, C14344, AA514184, D59317, D51221, Z30160, AW179013, D45273, C14973, AI525920, AI525227, AI535686, AI525242, T03048, AW178759, C14046, D59551, C16955, AI535961, H67858, AI525215, AW378542, AI525925, Z33452, AI525237, A62298, AJ132110, A84916, A62300, AR018138, AR008278, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, D88547, AF058696, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, AR016808, A94995, A85396, AR066482, AB002449, A44171, AR008443, AR060385, A85477, I19525, A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066487, AR066490, A30438, I18367, D88507, I14842, AR054175, AF135125, AR008277, AR008281, D50010, Y17187, A63261, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AB033111, D13509, I79511, A64136, A68321,

1315	HWBDR92	876018	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1818 of SEQ ID NO:1315, b is an integer of 15 to 1832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1315, and where b is greater than or equal to a + 14.</p>	<p>AR060133, AR064240, U87247, AB023656, AF123263, X93535, AR008382</p> <p>AW024416, AW238938, AW361813, AI421202, AI434791, AI309982, AI769534, AI378930, AI393963, AI492647, AA953114, AI380180, AI769524, AI420285, AI805717, AI077552, AI678958, N26060, N40424, AI190662, AI613423, AA976041, AA581509, AA776498, AI268866, AI291641, AI289100, AA186514, AI208759, AA278467, AA665834, AI341899, AA315414, W07679, H23150, AI671697, AA315695, AI961637, AA989174, AI613432, AA235080, AI127470, AA603717, R80986, H09069, AI085843, AA993834, AA235209, AI160297, N80556, AA421270, AA187209, AI205566, AW277106, H59979, W39334, AA045407, T75129, AA503424, W52459, F10405, AA421317, AA723427, AW189559, W52458, AA045301, AA256210, AA503121, H09070, AI862840, AA921301, AI819232, AA303086, H81373, H23151, W15379, AI003129, H57853, H80453, AA587453, F12797, AA811971, AA379841, R80786, AA737085, AW029021, R38552, T48991, AA565741, AA503131, AA256353, F17470, AI424220, AI431521, T48990, AI381715, AL038986, R20931, AI424511, AW361749, AA835425, AI569722, AW337583, AA558437, AA373318, AW269615, D20475, AW016289, AW014562, AI795986, AI066579, AA057708, T25034, R54035, AA626100, AI801600, T84464, AA745560, AA745431, AA076616, AF151801, AL050215, AC004983, D89937, AC004967</p>
1316	HWMBI92	876019	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 642 of SEQ ID NO:1316, b is an integer of</p>	

			15 to 656, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1316, and where b is greater than or equal to a + 14.	
1317	HWMFU0	876021	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2506 of SEQ ID NO:1317, b is an integer of 15 to 2520, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1317, and where b is greater than or equal to a + 14.	AI110856, AA143745, AI693023, AA151633, AA761698, AI121337, AI298472, AI018193, AW372477, AA491188, AW131073, AA505133, AA599482, AI143548, AA430400, AA151685, AA825984, AW366355, AI383751, AA613495, AA252073, AI076636, H81681, H66674, AA779949, AA885895, AA298085, AI383750, W05653, AA148124, AI074739, AI687281, H11552, AW451697, AI150645, AA041459, AI208735, H81680, AA620485, AA112748, AA976412, H00961, T31804, AA357205, AA041512, AA678631, R67964, N76147, AI468649, H11443, H00962, AI383531, Z45863, AA360936, F04726, AW074481, AA872316, AI024087, AA309629, R66877, AI702342, AA653426, AA732728, AA252105, AA490992, AA770121, N87414, AA356722, AW027385, AI434752, R58494, AI275780, AA090352, AI370532, AW390733, AA879149, AI923615, Z21234, Z21233, AF090915
1318	HCQCM19	876022	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 568 of SEQ ID NO:1318, b is an integer of 15 to 582, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1318, and where b is greater than or equal to a + 14.	AA715374, Z25205, AI202201
1319	HBWCF70	876023	Preferably excluded from the	AI219865, AW294721, AA431535, AW451194,

1320	HCRON30	876024	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1085 of SEQ ID NO:1319, b is an integer of 15 to 1099, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1319, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 708 of SEQ ID NO:1320, b is an integer of 15 to 722, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1320, and where b is greater than or equal to a + 14.</p>	<p>AA307304, AA917679, N72093, H19317, AA868722, AA313570, AW270831, AW242483, AA306705, AA584601, AA431211, M97501, X64838</p>
1321	HCAK16	876025	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 241 of SEQ ID NO:1321, b is an integer of 15 to 255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1321, and where b is greater than or equal to a + 14.</p>	AA327228
1322	HCQDG19	876026	Preferably excluded from the	AI635818, AC007630

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 232 of SEQ ID NO:1322, b is an integer of 15 to 246, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1322, and where b is greater than or equal to a + 14.	
1323	HCQAD16	876027	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 325 of SEQ ID NO:1323, b is an integer of 15 to 339, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1323, and where b is greater than or equal to a + 14.	AA252134
1324	HCQAS16	876028	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1324, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1324, and where b is greater than or equal to a + 14.	
1325	HGBBG01	876029	Preferably excluded from the	AA297618, AA188451, F06972, F06481, X83107,

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 417 of SEQ ID NO:1325, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1325, and where b is greater than or equal to a + 14.	AF045459, AC003669, AF012104, U88091, U08341, AR042423, AR044115
1326	HILBF13	876030	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 410 of SEQ ID NO:1326, b is an integer of 15 to 424, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1326, and where b is greater than or equal to a + 14.	AA313226, AA352231, AA729004, H63236, AI174489, AA493814, AA847341, AA502774, AI884404, R95751, AA832104, AA126969, AA368329, N21434, AI567676, AI002863, AA991640, AA602715, AA368659, AI003620, AA219166, AA659011, AA420424, AA749196, AA309287, AI124558, AA143703, H79323, AI802268, AA831913, AA730795, AA598579, AA832108, AI791227, AA365628, AA196994, AA598605, AA595508, AI732911, N27340, N53783, AA455202, AI734193, AA482682, AA525156, AA218874, AA598497, AA643768, AW083966, AA351893, AA668421, AA581317, N55076, AI376687, AW069273, AA825954, AA229370, AI538404, M77964, AA315052, AI049999, AP000553, Z68756, AB023049, AP000512, AL079342, AC005305, AF075069, AD000092, AL008731, AC007993, AL008628, AL035587, AC005089, AC008372, AL133163, AC005913, U95742, AC007537, AL031721, AC009516, AL035420, AC003071, AC000052, AL133246, AF053356, AC005722, AB003151, AC006930, AP000099, AC000025, AC007193, AC006273, AC005527, AB023051, AC004099, AP000688, AP000036, AC005747, AC006511, AC004150, U78027, AL034553, AC003047, AC004997, AC004475, AC005519, AL009181, AP000046, AP000114,

				AL021393, AL049650, AC007687, AC005529, AC005406, AC003102, AC005585, X74984, AC005828, AC002369, AL022315, AC005907, U95739, AC004000, U91327, AF076450, AJ246003, AL035086, Z83826, AL109613, AL121655, D16583, AC005725, AL030995, AF196779, AC005535, AL020997, AL035400, AC004650, AL096712, U89337, AC008045, AP000344, AL117258, AC005099, AC007314, AC003098, AP000503, AL022326, AL020993, AC004668, AC004254, AC006581, AC005837, AC007277, AL021806, Z15025, AL049829, AC005932, AL049699, AL122023, AP000302, AL080243, AC005516, AD000833, AP000077, U91326, Z73417, AC002395, AL034379, AL132712, AC005859, Z95116, AF003528, AP000243, AL049643, AF134726, AP000098, AP000203, AC005412, AC002991, AL035445, AC005041, AC005971, AC004812, Z84474, AF217403, AC003046, AC005003, Z82198, AL008734, AC004531, AF205588, AC004756, AL034421, AC005776, AC004073, U93305, AC002310, U85195, Z98946, AF111169, AF196972, AL136168, U63721, AC005768, AC004678, AC005253, AC007001, AP000280, AC007207, AC005759, AL031708, AC002996, AC004131, AL031058, AL109801, AC005694, AC006121, L47234, AE000658, AC001551, AC006080, AC006057, AC004072, AL133321, AC004227, AC006006, AC007051, AP000555, AC007666, AC005755, AC005993, AP000107, AP000039, AC006950, AC004263, U51561, AC007390, AC005924, AC007014, AC007546, AC003109, U62317, Z98949, AB020867, AC004808, AC004465, AF129756, AC004682, AC004703
1327	HCQDI18	876034	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	AA280322, AC006153

1328	HEMGF10	876039	<p>the general formula of a-b, where a is any integer between 1 to 301 of SEQ ID NO:1327, b is an integer of 15 to 315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1327, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1853 of SEQ ID NO:1328, b is an integer of 15 to 1867, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1328, and where b is greater than or equal to a + 14.</p>	<p>AL045532, AI672339, AI916546, AI674054, AA922064, AW022969, AI539447, AI338659, AI038295, AI809635, AI569951, AI015944, AA236487, AA917051, W72067, AI522144, AW340476, AW001031, AI042560, AW272351, AW291220, AA496094, AI808121, AA453459, AA216783, N90068, W38469, AA002033, AA482997, AA234484, F12296, T66274, Z24870, W76350, F09922, T95502, AI128578, T66187, T95501, Z28614, AA453960, R16316, T58251, T88786, AI272000, AA001829, AI654859, AI624582, AI334322, T58298, AI376307, U85995, U85994, AF095771, U87408, AF095770, U85997, AC006195, AF095769</p> <p>AA425162, AA454628</p>
1329	HCQDG10	876044	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 523 of SEQ ID NO:1329, b is an integer of 15 to 537, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1329, and where b is greater than or equal to a + 14.</p>	
1330	H2CBS17	876045	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA313483, AI092587, W07818, N79448, AA773593, R53234, R94785, R24805, H10024, AA229847, R94705, AA430523, AI435476, AW001866, AI565825,</p>

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1337 of SEQ ID NO:1330, b is an integer of 15 to 1351, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1330, and where b is greater than or equal to a + 14.</p>	AA430608, N71537, AI760594, AI911011, AI732273, AI440283, AI131012, AA582791, AI038591, N52904, AI141119, AA643763, AI561115, N78511, AA011130, AI668849, AI676028, AI371354, AA009702, N73670, AW369840, R53598, AA584483, AL044698, R48261, W63583, AA493983, AA968449, AC005332, AC004876, AC005771, AC004616, AP000038, AC005184, AL139165, AC004098, J03764, AF019664, AC004874, AL033525, AC009498, AP000280, AC005704, AL035427, AP000107, AC005060, AC005922, AL035633, AC007628, AC005011, AL078638, AF042484, AC007676, AC008071, AC007198, AC000120, AP000140, Z93931, AL031655, AP000088, AL031123, AC006996, Z75957, AL034555, AC004055, AC006354, AP000269, AP000103, AF001548, AF049895, AL132987, AL022068, AB013139, AL034425, AC002546, AF069291, AC004929, AC007262, AC002115, AL020989, AL031055, AL021877, AC004703, AC004664, AL021977, AC002480, AL035691, AL035072, AC004100, AC006370, AC006013, AP000033, AC005562, AC007312, AL031737, AC005406, AC005919, Z96074, U95743
1331	HETJT76	876048	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1217 of SEQ ID NO:1331, b is an integer of 15 to 1231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1331, and where b is greater than or equal to a + 14.</p>	AI799695, AI343330, AI498160, AI885048, AW372347, AW372353, AI361693, AW372342, AI290222, AA833641, H23783, W73966, AI077502, AW242637, AA514487, AA975211, AI569053, W79847, AI869527, AA832078, N55405, AA126154, AA313196, AI560671, H49102, AW236097, AI742230, AA126132, H49333, AI732692, AW172617, AA199707, AI280378, W79860, W74521, AA279226, AI650312, AC005352, AL117338, AF088062
1332	HMVBD68	876052	<p>Preferably excluded from the</p>	AW083378, AA057509, AI679190, AA574451,

<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:1332, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1332, and where b is greater than or equal to a + 14.</p>	<p>AA599718, AA054285, AA706513, AI707934, AW023524, AA199863, R66161, AA862725, R84843, R85715, H86142, AL038837, H86028, AL039074, AL039564, AL039108, AL039156, AL039085, AL039659, AL039625, AL039648, AL039678, AL039150, AA059178, AL037051, AL036725, AL039629, H00069, AL039109, AL038531, AL039128, AL040992, AL045337, AL037726, AL042909, AL039423, AA013394, AL039410, AL134524, AL039538, AL044530, AL045353, AL036973, AL044407, AL038821, AL039386, AL036418, AL039924, AL037526, AL043441, AL043445, AL037082, AL036196, AL037639, AL039566, H39007, Z99396, AL043422, AL039509, T24119, AL038851, T24112, AL038025, AL045341, AL036767, AI535983, T23947, D51250, AL036117, AL045794, AW013814, AL043423, AL036924, AL037615, AW452756, AL036190, AW451070, AL036238, AL037085, AI142134, AL036679, AI535783, AL036733, T23659, AL038983, AL036858, AL134110, AL038447, AL037021, R47228, AL036998, AL045328, D80253, AL037727, AL037054, AL036191, AL036964, H00072, AL045327, AL047163, AL042898, AL036268, T02921, D59275, AL036765, AL037077, AA631969, AL039643, AL039432, AL119483, AL049018, T48598, D80219, AL038838, D59787, AL037343, AL037295, AL044125, AL037436, AA514190, AL037178, AL037335, AL037323, AW080777, AL119484, AL041347, AL037027, AW022897, AL038651, AI547295, AL036999, AW450376, AL038761, AL037443, AI348766, AL038532, Z25783, AL036719, AW103927, AL037094, T11051, AL042850, AA478355, AI700109, AL038822, AI267269, AL037435, AA548890, AA702729, AI334443, AL040193, AA191659, AA410788, AL119324, AA577824, AA630672, AA526787, AI056177, D29033, T28100, AA493975,</p>
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	AA579179, AI223604, AL040061, AL044162, AL047012, AA483929, Z25782, AA834707, AW148507, AA456578, AL046549, T07039, H66681, AI254913, AL041238, AL043496, AL043923, X95073, AF118808, D14548, AR066494, AR017907, Z96142, AR038286, X68127, I92483, AR062871, I03665, I03664, A15078, E00523, A67220, X73004, A95051, A58522, AR036905, A92133, A97211, A58521, A02712, A85477, A85396, AJ244003, AJ244004, AR062872, AJ244005, I06859, AR062873, A18050, A84772, A35536, A35537, A23334, A75888, I70384, I18371, A20702, A60111, A23633, AR043601, AR025207, AR007512, A18053, A84776, A84773, A84775, A02135, A02136, A04663, A04664, A84774, A43189, I66495, AR031374, A43188, AR067731, A38214, A49700, AR031375, A20700, I66494, A64081, AR008430, AR067732, A44171, I56772, I95540, AR018924, I60241, I60242, A51047, A63064, AR018923, A48774, A98767, A63072, A48775, AR068507, I66498, I66497, I66496, AR068506, I00074, I66486, I66487, I19516, A58524, AR015960, A91750, AR064707, A93963, A93964, AR000007, AR015961, I63120, A95052, AR020969, A25909, AR043602, AR043603, A95117, A58523, A23998, AF156296, AR037157, A11245, V00745, A02710, E12615, AR035193, A86792, E13740, AR054109, A07700, AR000006, A13392, A13393, AR036903, D28584, U87250, AR027100, I03343, I28266, AF156294, A82653, AR022240, Y11923, A81878, I21869, I13349, A24783, A24782, E14304, AJ230933, A70040, E16636, I19517, I01992, A27396, D88984, A76773, A22413, I08051, Y11926, A49045, A93016, E16678, I25027, I26929, I44515, I26928, I26930, I26927, A58525, I25041, I68636, E03165, E16590, I00077, S70644, I49890, AF096810, AF156303, AR064706, I44516, AF019720,

1333	HWLQDI7	876056			<p>A60957, Y11449, A51384, X58217, AR038762, A92636, I84553, A91754, I84554, E02221, E01614, E13364, I00079, A60968, A18722, AF156304, D34614, A58526, A91753, AR023813, AB012117, A10361, AR035975, AR035977, AR035978, AR035974, AR035976, AF130655, AR066482, M32676, A60985, A60990, Z79475, A60987, Y17188, AC004935, X15418, S65373, AC004111, AJ238010, AC002431, AC004851, AC010722, AC006582, AC004797, AC005373, AP000512, AL121603, AL049430, AC005291, AC007191, U50871, AC004213, AL049631, AC002059, AC002480, U95739, AP000132, AP000210, U91318, AC005332, AL034395, AL031281, AC009784, AP001172, Z95116, E04616, AL035413, M21251, AC006999, AC006211, AC004466, AL080317, AC002395, AC005914, AC000026</p>
1334	HCRMEI6	876057		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 114 of SEQ ID NO:1333, b is an integer of 15 to 128, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1333, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:1334, b is an integer of 15 to 438, where both a and b</p>	AA826803

			correspond to the positions of nucleotide residues shown in SEQ ID NO:1334, and where b is greater than or equal to a + 14.	
1335	HCQC116	876059	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 336 of SEQ ID NO:1335, b is an integer of 15 to 350, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1335, and where b is greater than or equal to a + 14.	
1336	HKLAB15	876062	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1336, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1336, and where b is greater than or equal to a + 14.	T70859, AI991425, T96900, AL137658, AC005343
1337	HCYBH57	876065	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 734 of SEQ ID NO:1337, b is an integer of 15 to 748, where both a and b	AA306889, AA305320, AA508639, N49791, H90350, AW016011, AW377205

1338	HCQDM08	876070	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1337, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 98 of SEQ ID NO:1338, b is an integer of 15 to 112, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1338, and where b is greater than or equal to a + 14.</p>	<p>AW384125, AA496504, AI610340, AA248671, AA130789, AA180915, AA478370, AI733781, Z98485, AI796704, AL044742, AL048069, AA626025, AL048572, AL047765, AL039283, AI557485, AL048501, AI546967, AI546957, AA516161, AI924321, AA887171, AI132973, AA420684, AI133122, AA654779, AA654118, AI194612, AA532618, AI132978, AI133640, AI114783, AI064749, AI064986, AI133242, AI065142, AI133340, AI114709, AI110634, AI065125, AI065095, AI133581, AI133663, AI110590, AI133479, AI065101, AI114457, AI133604, AI207634, AI525970, AI133582, AI114582, AI174912, AI114665, AI133512, AA081070, AA578984, AI557069, C17847, AI174878, C18490, AI133723, AI133615, AI133526, AA089877, AI525469, AA225945, AI114594, AI557701, AI112129, AA213849, AA410915, AI195856, AI182920, AA165635, AI208489, AA662114, AA244064, AA088806, AA228826, AA652493, AA622823, AI979027, AL049144, AA225205, AI244851, AI827423, AA132431, AA410765, AA176509, AA089690, AA828070, AA640731, AA641599, AI749067, AA569303, AA502464, AW385506, AA663702, AA229378, AA876457, AA467990, AA084304, AA229146, AA837558, AW371147, C18623, AA858353, AA188095, AA641178, AA293576, AA082601, AW375786, AA468053, AA092886, AA427549, AA129770, AA480482, AA658436, AA502853, AA394267, AA640898, AI132974, AA193149, AA091406, AI749996, AA095793, AA226058, AI535866, AI940772,</p>
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1339	HSSEA17	876078	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 608 of SEQ ID NO:1339, b is an integer of 15 to 622, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1339, and where b is greater than or equal to a + 14.</p>	<p>AA527220, AA194743, AA399036, AA091372, AA192775, AA089626, AI525481, AI524836, C14151, H41888, Z56605, X76676, AR028448, X62996, D38112, V00662, J01415, X93334, Z59182, D38114, D38113, X93335, D38116, Z58833</p> <p>Z56928, Z56929, Z64722, Z54751</p>
1340	HCQDG14	876079	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 610 of SEQ ID NO:1340, b is an integer of 15 to 624, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1340, and where b is greater than or equal to a + 14.</p>	<p>AW235671, AI740682, AA770521, AA428282, AI522043, AI276457, AI984187, AI382430, D79844, D62692, AA741145</p>
1341	HCQAQ14	876081	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 948 of SEQ ID NO:1341, b is an integer of</p>	<p>N52898, N40697, AI221215, AI961502, N27935, AI538394, AW366714, AA557734, AI916398</p>

1342	HCQBN16	876082	<p>15 to 962, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1341, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 248 of SEQ ID NO:1342, b is an integer of 15 to 262, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1342, and where b is greater than or equal to a + 14.</p>	<p>AA284114, AA878237, AI440478, AI183980, AI830413, AI693370, AW167651, AI284239, AI087052, AA025164, AI075952, AI276058, AA781007, AI333050, N69861, N99037, W47304, AA626017, W47171, AI672591, AA885176, AA644449, AI222118, AI080182, AA055097, AI350932, AA526741, AA524562, AA719566, AA055070, AA397901, AA890555</p>
1343	HWLQE13	876086	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 819 of SEQ ID NO:1343, b is an integer of 15 to 833, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1343, and where b is greater than or equal to a + 14.</p>	<p>AI023441, AI242040, AA847082, T50456, AA331171, AA650226</p>
1344	HWMB01	876088	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:1344, b is an integer of</p>	

1345	HKLAA70	876089	<p>15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1344, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1345, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1345, and where b is greater than or equal to a + 14.</p>	AA259061, Z56085
1346	HWLCK07	876090	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 412 of SEQ ID NO:1346, b is an integer of 15 to 426, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1346, and where b is greater than or equal to a + 14.</p>	AW083180, AI817883, AW138123, AI832211, AF009961, AF127026, AF105424
1347	HISAV29	876091	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1347, b is an integer of</p>	R98881, Z93242, AF160728

1348	HWLXE78	876093	15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1347, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 568 of SEQ ID NO:1348, b is an integer of 15 to 582, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1348, and where b is greater than or equal to a + 14.	AA196426, AI796138, AA308423, AI818489
1349	HSLHI12	876094	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 265 of SEQ ID NO:1349, b is an integer of 15 to 279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1349, and where b is greater than or equal to a + 14.	
1350	HCQCX03	876095	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 513 of SEQ ID NO:1350, b is an integer of	W89052, AL133355

			15 to 527, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1350, and where b is greater than or equal to a + 14.	
1351	HCQCR12	876097	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 622 of SEQ ID NO:1351, b is an integer of 15 to 636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1351, and where b is greater than or equal to a + 14.</p>	D80188, C14389, D59275, D50979, D80043, D58283, D80391, D59787, D80196, D80227, D80522, D51022, D59859, D80022, C14331, D80166, D80195, D50995, D59467, D51423, D59619, D80210, D51799, D80164, D80240, D80253, D59502, D59927, AA305409, D80269, D81030, D80247, D81026, D80248, D80212, D80366, D80219, AA305578, C15076, D57483, D80038, D59610, C14014, D51060, D59889, D80439, D80193, D80133, D80045, D80024, D80268, AW360811, D80378, AA514186, AA514188, AW177440, D80302, D80251, D80241, T03269, C14429, AW178893, AW377671, AW375405, D51103, AW177731, D80157, AW178983, AW178906, D51759, AW366296, AW179328, AW360844, AW360817, AW179020, C75259, AW375406, T48593, AW378534, AW179332, AW377672, AW179023, AW178905, AW378532, AW178908, AW177501, AW177511, C05695, D59373, AW179024, AW352171, AW179004, AW377676, AW378528, AW352170, AW178907, D80132, AW178762, AW179019, AW360834, C06015, AW177505, D80134, AW176467, D51250, AW360841, D58253, AW367967, AW178775, AW369651, D59653, AW178909, AW177456, AW179329, AW179009, AW178980, AW178914, AW178911, AW177733, AW178754, AW179018, AW352158, D51079, AA809122, D80014, AW352117, D45260, AW367950, AW178774, AW352120, F13647, AW378525, AW179012, H67854, AW177722, AW352163, T11417, C03092, D52291, H67866, AW378543, D59627, AW177728, D80168, D81111, AW177723, AW378540, D51213, AI525923, AI910186, AW178986, C14227, C14973, AW178781, AI905856, C14298, AI535850, T03116,

				<p>AI525917, D59317, D58246, D59474, C14407, D80258, AA514184, D59503, D60010, AW378533, D80064, C14344, D51221, C14957, T03048, AW177508, AW177734, AI525920, AI557774, AI525227, AI535686, AW177497, D58101, D59551, C14046, D60214, AI525912, AI525235, AI525237, C16955, AI525215, AI525242, AW378542, AI557751, AA285331, AI525925, AW378539, D45273, C05763, Z33452, T02974, AI525222, Z21582, D51097, AW360855, H67858, C04682, D31458, T02868, D51053, AW179011, AI525928, AI535961, Z30160, C13958, D80314, AI525228, AL033517, AR008278, AB028859, AJ132110, A84916, A62300, A62298, AR018138, AF058696, A82595, AB002449, AR060385, X67155, Y17188, A94995, D26022, Y12724, A25909, I50126, I50132, I50128, I50133, A67220, D89785, A78862, D34614, AR016514, AR066488, A26615, AR052274, AR008443, AR060138, A45456, D88547, A43192, A43190, AR038669, Y09669, X82626, AR066487, AR016808, A30438, D50010, AR054175, I14842, Y17187, AR025207, AR008408, A63261, X64588, AR066490, AR008277, AR008281, AR062872, A70867, I18367, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, I79511, X68127, AB012117, AF123263, X72378, AR032065, AR008382</p>
1352	HPJBW76	876098	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1352, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>N50949, AA329541, AL120708, AI922673, D63195, H05929, AI679480, AA808536, F03253, T80197, AA125781, AC010169, AC002300, AC004526, AC003010, AC005183, AC007993, AC005258, AC005057, AC002425, AC004878, AP000501, AC005871, AL133163, AC005844, AC005363, AC008149, H82274, AA665465</p>

1353	HCQCD81	876101	<p>NO:1352, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 669 of SEQ ID NO:1353, b is an integer of 15 to 683, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1353, and where b is greater than or equal to a + 14.</p>	<p>AA019633, AI290219, AA020897, AI278259, R37194, AA021465, AA018170, AA018313, AA019821, T05511, AI335614</p>
1354	HCYBF60	876104	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1354, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1354, and where b is greater than or equal to a + 14.</p>	<p>R92525, AA205785, AA173507, AW239243, AA305229, AA305174</p>
1355	HCQCD09	876105	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 419 of SEQ ID NO:1355, b is an integer of 15 to 433, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA594230</p>

1356	HWLVY67	876107	<p>NO:1355, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 618 of SEQ ID NO:1356, b is an integer of 15 to 632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1356, and where b is greater than or equal to a + 14.</p>	<p>AI088192, AI992372, AI992373, AA768994</p>
1357	HMAKC34	876108	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 954 of SEQ ID NO:1357, b is an integer of 15 to 968, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1357, and where b is greater than or equal to a + 14.</p>	<p>AA706348, AI742004, AA612742, AA418899, AA622550, AI688045, W04608, AA639641, N73891, AI306136, C75175, N54079, AA037389, U40583, X70297, AF036903, AF037646, AR055255, U62436, Z23141, L25827, AF087689, Y08420, X93604, AJ245976</p>
1358	HNGBI13	876109	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 704 of SEQ ID NO:1358, b is an integer of 15 to 718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

1359	HCFCP28	876117	<p>NO:1358, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1614 of SEQ ID NO:1359, b is an integer of 15 to 1628, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1359, and where b is greater than or equal to a + 14.</p>	<p>W38691, AW170228, AW204712, AI342478, AA214559, AI301837, AI038938, AA041552, AA975363, AW207768, AI280415, AW241161, AI698575, AA213418, AI192391, AL042921, AL042806</p>
1360	HCROH40	876118	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1283 of SEQ ID NO:1360, b is an integer of 15 to 1297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1360, and where b is greater than or equal to a + 14.</p>	<p>AW340002, AW263252, AI302813, AA806234, AW337920, AI800828, AI685453, AA582942, AW150706, AI566501, AI802925, AI022951, N32077, AA743819, AI160053, AI336188, AA643850, AI091958, AW081284, AA512938, AI687081, AW051587, AA884985, AI738521, AA812286, AI185199, AI761431, AA403009, AA047094, AW130755, AI554205, W60982, AW069431, AA143405, AI086947, AI952635, AA862513, AW025157, AI674916, AI911657, AA457705, AW418700, AW009464, AI684131, AI811699, AI613185, AA043722, AA101008, AI812095, AA143404, AI695151, AA662383, W52268, AA034911, AI445209, AA410666, AI306627, AA152449, AI446572, AI760791, AI093619, AI955408, AI344379, AI739460, AI824906, AW002682, N29782, W52269, AA622005, AA586560, AI798484, W47540, W47587, AI795838, AA861143, AA524329, AA047184, AA506568, AW198106, AA936419, AW021602, AA506574, W45220, T49532, AI357909, AW168465, N25070, AA152448, AA907471, AA301628, AA641358, AA515290, W39753, N45391, H80074, AA431547,</p>

1361	HKAAK32	876121	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2690 of SEQ ID NO:1361, b is an integer of 15 to 2704, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1361, and where b is greater than or equal to a + 14.</p>	<p>AI934135, AA927158, AA587966, AA372266, N25911, AA535141, AI918662, AW021800, AA613551, AA913677, F35471, AA102493, AI795855, AI718365, AA613011, AA480815, AA903677, AI872650, T49531, H80073, AA973783, AW375945, AA505724, AA514710, AI927674, AI475421, N57203, F24647, AA356940, AI936211, AA043424, AW367127, AA034978, AA593644, AI472573, AW374518, T10460, AA587154, AA431094, AI810621, AA918275, AI336721, AI709355, AI313344, AW004782, AA062797, AA632243, AW059882, N34155, AI557285, Y14551, AP000512, AB023051, AC006165, S81914, AF071596, AF039067, X96438, AF083421, AJ227914, Y16736</p>
1362	HCQDQ31	876123	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 896 of SEQ ID NO:1362, b is an integer of 15 to 910, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA576961, AI795908, AL120038, AW071648, AI923078, AI650566, N27861, AA020770, AI693672, AI828327, AW408804, AI423373, AW275975, AI656898, AA307019, AL121002, AI359865, AA088194, N73008, AI926866, AI079417, N35619, AI955093, AA258396, AI589460, AA856996, N21585, AI679493, AI824968, AI813785, N40634, AA857168, AI203273, AI079737, AW382798, AA332511, AA806210, AI913138, AI675042, AI868760, AA641278, AI371462, AA995175, H92531, AA113084, R66601, D79238, AW151392, D12298, D56582, AA380178, AW391828, AI352031, Z21892, AI940086, Z50194, U92983, U44088</p> <p>W07169, AA838748, AI985511, N78574, AI200281, AI658709, AW016259</p>

1363	HHEEN22	876126	<p>NO:1362, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1809 of SEQ ID NO:1363, b is an integer of 15 to 1823, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1363, and where b is greater than or equal to a + 14.</p>	<p>AI361002, AI969720, AI805386, C06251, AI304680, AI885442, AI869317, AI306681, AI634959, AA653629, AI336898, AW192256, AW236693, AI870517, H10595, R52073, R73296, AI798507, AA464725, AI927008, M78003, AA479858, AA463941, R74154, AI582506, AA987791, AI094500, AA477492, AA464077, AA340304, AA781562, AA433963, R45811, AI361797, AI805569, AI685621, AI669742, N58164, F33325, AI889215, AA297873, AI304641, AL045494, AL042523, AL045327, AL135012, AL134110, AL134524, AL042420, AL042468, AL045328, AL042519, AL042741, AL042655, U46344, AL047163, AL045891, AL045326, AL042898, AL043089, AL043321, AL046356, AL042488, A85203, AR066494, AL122101, AL133053, AL133074, AL133049</p>
1364	HRABR73	876127	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 423 of SEQ ID NO:1364, b is an integer of 15 to 437, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1364, and where b is greater than or equal to a + 14.</p>	<p>AL039087, AL037259, AL041296, AL041098, AL043440, AL040464, AL041358, AL041324, AL041096, AL047012, AL043538, AL044162, AL045725, AL040576, AL041197, AL043612, AL039915, AL040553, AL041131, AL039432, AL047219, AL047057, AL047170, AL040119, AL047036, AL041292, AL041051, AL047183, AL040322, AL046330, AL041238, AL040529, AL041142, AL045817, AL040625, AL040510, AL043467, AL044186, AL040253, AL044037, AL040091, AL040128, AL040168, AL040255, AL040285, AL040342, AL040332, AL040617, AL045684, AL040745, AL049069, AL041346, AL043677, AL046442, AL045857, AL040839, AL041752, AL038822, AL043775, AL044165, AL041133, AL043492, AL041602, AL045920, AL038838, AL045753, AL041227, AL044074, AL043537, AL041635, AL045990, AL040458, AL044199, AL044187, AL046150, AL040090,</p>

	AL040263, AL040294, AL040329, AL044274, AL040082, AL044272, AL040148, AL040472, AL041730, AL041523, AL043627, AL049018, AL046392, AL040463, AL041374, AL040052, AL043845, AL042135, AL044064, AL038983, AL039316, AL043923, AL043814, AL045671, AL043848, AL041459, AL043570, AL041577, AL044201, AL044258, AL046850, AL046147, AL038532, AL040768, AL037727, AL041140, AL046327, AL046994, AL042712, AL040414, AL040571, AL046097, AL043496, AL046914, AL142134, AL040621, AL041186, AL039744, AL041086, AL042096, AL040444, AL080031, AL041955, AL041168, AL041159, AL041233, AL041246, AL079878, AL041277, AL041163, AL040193, AL040370, AL041278, AL037436, AL045994, AL040155, AL045784, AL040149, AL039360, AL037435, AL038761, AL045989, AL040075, AL039338, AL037443, AL079852, AL037335, AL046099, AL037295, AL047131, AL040238, AL037341, AI546855, T23985, Z30131, AI547039, AL045211, AL045340, AI546899, AI541509, AA585439, AL041347, AL043444, T23957, AI541510, AI541317, AI525306, T23888, AI541365, AI540967, AI525556, AI547006, AI541514, AI525431, AI541374, AI541534, AI535639, AI546999, AA585453, AI525321, AI557787, AI526194, AI541506, AI535813, AI546891, AI541017, T24112, T02921, T24119, AL039156, AL044530, AL036630, AL039504, AW451416, AW013814, AL039555, AL039509, AL039564, AL039538, AL038043, AL039108, AL039678, AL039566, AL039074, AL038837, AL039521, AL039625, AL039648, AL039659, AL039629, AL045794, AL039476, AL043586, AL037726, AL038531, AL039109, AL040992, AL039924,

	AL039128, AL044407, AL036973, AL042909, AL045341, AL045337, AL044412, AL037051, AL045353, AL039386, AL039423, AL039410, AL044364, AR067731, AR067732, AR051651, I25027, I26929, I44515, I26928, I26930, I26927, A29109, A32111, I44516, AR027100, A49045, AR009152, AR009151, AR067734, A83151, AR068508, AR068510, AR068509, I58322, I58323, I85513, AR054109, Z96177, AR068550, A23373, AR068551, X85060, E01324, I08638, A70359, AR016495, A95117, A93936, A94048, A94061, A94046, A94054, I07209, I07249, AR067733, AR029418, A63954, I09267, I09270, I09268, I09269, A49701, I09252, I09251, AR029417, AR035224, I58669, AR038066, AR027099, A27169, A27170, A39929, AR038307, AR038321, AR051652, AR038306, AR038320, I91969, A83642, A83643, X89399, I25041, AR018924, A48774, A48775, A38214, A44171, I56772, I95540, A63067, E01239, E01561, A51047, A63064, A63072, AR068507, AR068506, AR064436, AR000006, AR015960, AR000007, AR015961, A92081, AR027319, A91752, A91751, AR027318, A92080, A92077, A92078, A92079, AR031374, A49700, AR031375, A58521, AR020969, E01619, I06159, A93445, AR003585, A06633, A60212, A60209, A60210, A60211, A32110, A83180, A60206, A93446, A91754, A64973, A84772, A84776, A84773, A84775, A84774, AR037157, A86792, A58522, A68112, A68104, A91750, A11245, A20702, AR062871, A43189, A43188, A20700, A98420, A98423, A98432, A98436, A98417, A98427, I66495, I66494, I66498, I66497, I66496, I66487, I66486, X83865, A85395, A85476, AJ244004, I15353, E12566, E12564, E12565, A98767, A93963, A93964, E14304, AR062872, A81878, AR062873, A25909, AF082186, AJ244003, A58524, E16678, A58523, D78345, AR038762,

1365	HWMBX6 8	876137	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1365, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1365, and where b is greater than or equal to a + 14.</p>	<p>E03627, Y16359, AR055048, AR055051, AR055049, I66488, I66489, I66490, I66491, I66492, I66493, A91965, I66481, I66482, I66485, I66483, I66484, AR012640, I15718, I15717, A92133, I08395, M28262, I08396, A70040, A93016, I00682, A20699, A11623, E00609, A11624, I18302, E00696, E00697, E13740, A11178, E01007, I13349, E03813, A10361, AR035975, AR035977, I48927, I60241, I60242, I03331, A02712, A02710, E12615, AR035193, A77094, A77095, A07700, A13392, A13393, I62368, AR031488, I13521, I52048, A27396, I63120, AR017907, AR043601, A95051, A18053, I49890, I44531, I28266, A18050, A23334, A75888, I70384, A60111, A23633, I21869, AR007512, A24783</p>
1366	HE8OF49	876139	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2141 of SEQ ID NO:1366, b is an integer of 15 to 2155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI809519, AI733273, AI700619, AW444492, AI701407, AI268747, AW023153, AA933010, AI216153, AW450105, AI268633, AI793298, F03428, H09383, H09323, Z44285, AW297395, F04852</p>

1367	HWLHY12	876140	<p>NO:1366, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1710 of SEQ ID NO:1367, b is an integer of 15 to 1724, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1367, and where b is greater than or equal to a + 14.</p>	<p>AW394038, AW157294, AW394036, AW163057, AA306435, AW362974, AW157089, AW362965, AI878985, AW162479, AA146857, AW362967, AA311937, AW362962, AA306611, AI879487, AW362949, AA774684, AA813993, AW362950, AW403413, AW362951, AW407973, H59390, AW362956, AA310305, AA360185, AA332342, AA120901, D81998, W21240, R18124, AA312498, AA971457, AI223218, AA377328, AA300637, AW163350, AA248513, AA377822, AW366952, AI690275, N91094, AL021808</p>
1368	HCQBL07	876141	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 359 of SEQ ID NO:1368, b is an integer of 15 to 373, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1368, and where b is greater than or equal to a + 14.</p>	AA668479
1369	H2LAJ32	876142	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 807 of SEQ ID NO:1369, b is an integer of 15 to 821, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA313981, AA513970, D80022, D59787, D59927, D59502, D50995, D80391, D81030, D80188, D80166, D58283, D80212, D80196, D59619, D80210, D80240, D59859, D80195, D80193, D51423, D51799, C14389, D59275, D80253, D80043, D80227, D80219, D80164, D57483, D80269, D80366, D80038, D50979, D59889, C14331, T03269, C15076, D59610, D80378, D80024, D59467, D80045, C14429, AW178893, D80241, AA305409, D51060, C75259, C14014, D51250, D80134, AW179328, AW178775, AW352158, AW378532,</p>

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NO:1369, and where b is greater than or equal to a + 14.

1370	HSIAD07	876146	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:1370, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1370, and where b is greater than or equal to a + 14.</p>	<p>AR008278, AB028859, Y12724, AB010386, AB012117, X68127, A85396, AR066482, A44171, A85477, A94995, I19525, A86792, U87250, AB002449, X93549, A82595, AR008443, AR060385, I50133, I50126, I50132, I50128, AR066488, AR060138, AR016514, A45456, A26615, AR052274, A43192, A43190, AR038669, Y09669, AR066490, AR066487, AF135125, I18367, A30438, Y17187, D88507, D50010, A63261, I14842, AR008408, AR054175, AR062872, A70867, AB033111, AR016691, AR016690, U46128, A64136, A68321, AR008277, AR008281, D13509, AR064240, AR060133, X64588, U87247, I79511, AB023656, U79457, AF123263, AR032065, AJ000347, X93535, AR008382 AA376851, AF067844</p>
1371	HWLNZ56	876151	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:1371, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI636631, AA309020, AI744144, AW009754, AI700328, AI673552, T55187, T16814, R87983, AA514537, AW014851, R89617, AI202634, AA652368, AI695471, T04994, D50992, T18597, AI535639, Z32887, D59751, AI525556, AI535660, Z33559, AI557084, AI557262, AI536138, AI525500, AI557864, AI541205, AI557082, AI557533, AI526078, AI540903, C14228, AI525316, H65400, AI525302, AI525757, N71206, AI557317, AI541356, AI557312, AI525852, AI541075, AI557809,</p>

1372	HLQBA23	876152	<p>NO:1371, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 893 of SEQ ID NO:1372, b is an integer of 15 to 907, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1372, and where b is greater than or equal to a + 14.</p>	<p>AI557731, AI541365, AI525661, R29657, AI541353, AI525856, AI541321, AI557155, AI557238, AI525666, AI541450, AI541034, AI557258, AI557474, AI547196, AI525568, AI557602, AI540974, AI557041, AI535828, AI536150, AI535813, AI546829, D30843, AI557039, AI557154, AI525656, AI547177, AI557543, AF117946, A62300, A62298, AR050070, A82595, A82593, U94592, Z30183, AF006072, U41654, AR025466</p> <p>AA777628, AW085142, AA748330, AA811973, R89234, AA730279, R89233</p>
1373	HDPQV66	876153	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3022 of SEQ ID NO:1373, b is an integer of 15 to 3036, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1373, and where b is greater than or equal to a + 14.</p>	<p>AW188509, AA133311, AA748711, AW006796, AA808751, AI636357, AI126533, AI125369, AI298453, AW166241, AA830092, AA033555, AI765118, AI096536, AI362676, AW303885, AI810267, AI304494, AW369295, AW369278, AI278826, C06204, AI298997, AA934415, AI803059, W45399, AA911937, AI285295, AW369353, H20014, AA846303, AA620334, AI380981, AA046599, H20084, AA856630, H41028, W32278, AA259115, AA348014, W57679, H41029, AI862059, AA436105, AW378921, H23401, W40332, AW370532, AI283494, H23290, AA838806, AA348015, R22761, AI702112, AA737279, AA736690, R22707, AA731236, R22706, R43410, AA133178, R43411, N49145, R23256, AA932492, AW002378, R23332, AA046727, AA976863, AA248262,</p>

1374	HODEJ02	876155	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2638 of SEQ ID NO:1374, b is an integer of 15 to 2652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1374, and where b is greater than or equal to a + 14.</p>	<p>AW151330, N54032, AI784141, AA604954 AI936171, AI660616, AA723024, AA190582, AA702472, AA947752, AI814600, AA075189, AW020121, AW294648, AA757206, AI125830, AI696932, AI921488, W15540, AA167043, AA305635, AA830086, AI658993, AI436142, AA962072, AA284969, AA425011, AA250752, AA828460, D56246, AI741195, AA251400, AA829606, AI032702, AW079530, N49067, AA749129, AA279652, AA495947, AI026876, W31634, AI282893, AW079538, AA459370, AI074276, H89116, AA502299, D56326, AA284995, W32623, AA904260, AI001813, H89222, D56456, AW242319, AA250829, AI040832, AA837963, AW295502, AA442409, AA253372, AA279862, W03753, AW452047, AI289978, AA327787, AA634468, AA298940, AA459595, AA991736, AI090474, AA603227, AA730869, AI191872, D61332, AA634018, N86750, N79236, AI280656, AA211438, AA908725, AI695184, D62649, AA358933, N75598, AA811697, AI094362, F35399, N50196, AA075188, AW205837, AA773229, AF100156, AW364866, AC003042 AW360816</p>
1375	HWMBZ31	876156	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 313 of SEQ ID NO:1375, b is an integer of 15 to 327, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1375, and where b is greater than or equal to a + 14.</p>	
1376	HLTCX04	876166	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA485808, AA505129, AI149019, AI970131, AI829798, AA346059, AA367024, AA371138, W39118, AA491324, AI817772, AA300274, AW194921,</p>

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1239 of SEQ ID NO:1376, b is an integer of 15 to 1253, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1376, and where b is greater than or equal to a + 14.</p>	<p>AW166155, AI652296, AA824496, AI301046, AI249946, AL040694, AI241223, AI915295, AI250646, AA088789, AI471429, AW021717, AL036509, AL039011, AI500061, AI702527, AW059828, AW196720, AW163834, AA928539, AI538885, AL036705, AI969655, AI223980, AI434731, R53741, AI524654, AI401697, AA837391, AI799313, AI687568, AI623941, AI752007, AI580027, AI333104, AI274759, AL079740, AI345415, AL046849, AI682958, AA057840, AI374827, AI250353, AI586931, AI432644, AI805688, AI583578, AW088560, AA805708, AI565172, AI440238, AI658566, AI491842, AW151979, AI702540, AW172723, AI784214, AW263569, AI345688, AW055252, AI699020, AW021662, AW118508, AI590830, AW051088, AW022636, AW195253, AI887163, AI702343, AA587590, AA575874, AI801325, AI242248, AW162189, AI345010, AI344785, AI343325, AW151451, AI309306, AA259207, AI964011, AI802826, F36855, AI890887, AI345553, AI355779, AA827691, AI923989, AI289791, AI349967, AW083573, AW020381, AI280607, AI927233, AA761557, AW403717, AI308032, N75771, AI581033, AI452857, AI584118, N81195, AI627714, AI699823, AI590755, AI539260, AI860027, F34030, AI915291, AI499986, AW082532, AI348897, AI14703, AI125109, AI811192, AI688854, AI345745, AA830396, AI119791, AL047675, AL036548, AI285439, AI270039, AI688848, AI537516, AI926593, AI690813, AW194014, AI005511, AI859644, AW104141, AI784233, AI633125, AI469516, AW020046, AI698391, N63128, AI815232, AI612885, AL036265, AI817523, H89138, AI500523, AW088605, AI648699, AI241741, AI582871, AA225339, AI582932, AA514684, AI623797,</p>
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AI619820, AA580663, AI491710, AI623363,
AI783569, N99092, AI539632, R65859, AI889189,
N71180, AI361701, AI491904, AI435253, AA641818,
AI866573, AI343091, AI310575, AI345417,
AW161098, AI161279, AI302590, AI335363,
AI366984, AI583032, AI538850, AI963058,
AW078729, AL047100, AL037602, AI433611,
AW025279, AI590043, AI305157, AW089293,
AI815855, AI299903, AI340533, R20540, AI349957,
AW020592, AI288335, AI685211, AW161202,
AI096771, W74529, AA493923, AI345471, AA767039,
R10067, AL037582, AI559863, AI345005, AI918554,
AW022494, AW079768, AI680504, AW191003,
AW020288, AW009306, W45039, AL048499, AA768369,
AI360195, AI630252, AA555145, AW020095,
AI569616, AL135024, AW089572, AW084097,
AI671642, AA279795, AI800341, AI890907,
AI225000, AI357599, AI621341, AC006512, E01573,
E02319, AF091512, AF067790, S61953, I48978,
AL137640, AJ238278, AF002672, I89947, AR038854,
A08913, I03321, AL117432, AL137258, AL133557,
A08912, A08911, AF026816, AI8777, X82434,
S7771, AF000167, AF116573, S76508, AL133665,
AL137476, AF159615, E12580, X75295, S83456,
A21103, AF028823, L13297, E05822, AF141289,
AL117583, E15582, AF090886, AL049452, AL050393,
AF019298, A08910, AJ004832, AF113013, I89931,
A08909, AF017437, X79812, AF106657, AL137550,
I49625, A08907, A08908, AL122050, A77033,
A77035, AF176651, I32738, AL137548, A48221,
AF013214, AF185576, AL137521, A48220, I89934,
Y10823, A65341, A76337, AF087943, U95114,
AF090903, AF032666, AF008439, Z97214, U77594,
D83032, AL133084, I33392, X06146, AL122100,
AL122045, AL137533, S68736, AF090901, AL122121,
X72387, A23630, E12747, X66862, AL049382,

				<p>AF120268, AL137538, AF061981, U72621, AF061943, AL035458, AL136884, AF113677, AL122106, AF026030, AL050278, A07647, AL137495, A90844, AF111851, AL137459, Z37987, AL110221, AL110158, AL080140, U62966, AL080147, AF180525, AL137705, E06743, U36585, AL133560, E02152, AF111112, U75932, AF078844, AF113694, AF090934, A57389, S63521, AL133054, A86558, AL137286, AL133558, U67958, X61399, AL080159, AR000496, AL049430, U39656, X80340, AR029490, AL117626, AL137271, AF210052, Z82022, X52128, AF109155, AL137711, Y14314, AF026008, AF124728, AL133016, AF158248, AL122118, AL122093, AL080148, AL133113, AR068466, AL133010, AF182215, M92439, AF107018, Y08769, AL080118, S54890, AF183393, A65965, M19658, AF195092, AL122049, L19437, Y16645, X56039, A65340, Y11587, AL137478, AL080154, AF200464, AR059958, AF043493, AF061795, AF118558, AF151685, AF199027, A65943, U78525, AL050155, AL117435, E02221, E01614, E13364, L04504, AB029065, J05277, X96540, AR011880, I89944, I22272, AF091084, AF145233, AB028451, AL050277, E12579, I26207, I22020, AF146568, U35846, AF102578, U89295, AL110280, U88966, AL137463, AR013797, AL137554, I09360, AL137298, AL133640, AF162270</p>
1377	HYABC06	876168	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 657 of SEQ ID NO:1377, b is an integer of 15 to 671, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>W00981, AA095481, N79184, AI693730, AA113788, AA096381, AI373515</p>